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62.23

Vaughan's Spring Flowering Bulbs 1928

Cover Collection No. 1

We will mail, postpaid, 2 each of the varieties illustrated on this cover

		(12 bulbs)	$2.00
4	"	(24 ")	3.50
6	"	(36 ")	5.25
12	"	(72 ")	10.00

For individual prices see Pages 10 and 11.

Autumn Is the Time to Make a *Lawn*

IN THE autumn there is no seeding, no drouth, no excessive heat. Seed sown in September germinates in time for a long stretch of favorable weather in which to become established before winter sets in. The winter ordeal is not so severe as the summer; and after it comes a long, cool spring, for further growth before midsummer and seeding time arrives. Fall, therefore, is the best time to sow.

The Value of Tested Seed

OUR lawn mixtures are cleaned and re-cleaned. Than our seeds are tested for germination to insure that they have in them the power to to grow. Our blends for various purposes are composed of several grasses, each of which has a purpose; some to make a quick turf the first summer, a little clover to help enrich the soil and fill in bare spots and always Kentucky Blue Grass of the finest quality to take hold in its own way, to spread and finally to dominate in the permanent turf.

See that the seed is well covered. Rake it into a new seed bed and roll so that the soil is firmed over the seed. Where seed is sown on an old lawn always cover it with a top-dressing of sand or soil and fertilizer. Seed thrown on the top of hard ground has no chance to grow and will merely wash off.

Quantity to Use—On new lawns use 1 lb. of seed for 300 square feet. To replenish lawns where turf is thin use half quantity.

Vaughan's "Chicago Parks" Lawn Seed—The Standard Lawn Mixture

This mixture is composed of heavy, recleaned seed, blended according to the formula proved in our 50 years' experience to be the best for permanent lawns under American conditions. Kentucky blue grass and red top form the bulk of this mixture, to which are added white clover in the correct proportion. Our mixture produces a lawn that will endure. Price, ½ lb., 25c; 1 lb., 50c; 2 lbs., $1.00; 3 lbs., $1.45; 5 lbs., $2.40; 10 lbs., $4.75; 15 lbs., $7.00; 20 lbs., $9.25; 25 lbs., $11.50; 50 lbs., $22.50; 100 lbs., $40.00.

Vaughan's "Columbian"

For Shady Lawns or Sandy Soil

On sandy soil or in light shade, conditions are met with when making a lawn which require the use of a special grass seed mixture. Vaughan's "Columbian" is the correct mixture for such locations.

½ lb., 25c; 1 lb., 50c; 2 lbs., $1.00; 3 lbs., $1.45; 5 lbs., $2.40; 10 lbs., $4.75; 15 lbs., $7.00; 20 lbs., $9.25; 25 lbs., $11.50; 50 lbs., $22.50; 100 lbs., $40.00.

Write for special prices on large quantities.

Vaughan's Dense Shade Mixture

Composed of grasses most suited for growing in heavily shaded situations.

Price, lb., 75c; 2 lbs., $1.50; 3 lbs., $2.20; 5 lbs., $3.65; 10 lbs., $7.20; 15 lbs., $10.65; 20 lbs., $14.00.

Vaughan's "Quick Show" Grass Mixture

Has not the permanency of color of our "Vaughan's Park," but makes a respectable showing the first season. Sow 100 lbs. to acre.

Price, lb., 40c; 2 lbs., 80c; 3 lbs., $1.15; 5 lbs., $1.90; 10 lbs., $3.75; 100 lbs., $32.50.

Vaughan's Homegrounds Mixture

Price, ½ lb., 15c; lb., 25c; 2 lbs., 50c; 3 lbs., 70c; 5 lbs., $1.15; 10 lbs., $2.20; 25 lbs., $5.25; 100 lbs., $20.00.

Creeping Bent Stolons

For $25.00 we will send you enough runners and roots of the grass to plant 1,000 square feet. 500 sq. ft. for $14.00; 250 sq. ft. for $8.25; 100 sq. ft. for $4.25. If larger quantities are desired ask for a special quotation. We furnish complete directions and deliver to you in the best growing condition. A leaflet giving further information about Creeping Bent Stolons will be sent upon request. It is best to plant Stolons in May and June for spring planting, and from the middle of August to the 10th of September for fall planting.

Vaughan's Special Grass Mixture "Private Estate"

This contains a large proportion of the more expensive grasses, like the Bent Grasses, Chewing's Fescue, etc., also extra heavy Kentucky Blue Grass.

Price, lb., 75c; 2 lbs., $1.50; 3 lbs., $2.20; 5 lbs., $3.65; 10 lbs., $7.20; 15 lbs., $10.65; 20 lbs., $14.00.

Seed of the Bent Grasses

EUROPEAN MIXED BENT (so-called "Creeping Bent") is a mixture of Bents including true Creeping Bent, Velvet Bent, and a large percentage of Rhode Island Bent. It has been in high favor as a putting green grass.

The important advantage of the Bent Grasses on lawns is that they like acid soils and can be fed with acid reacting fertilizers, such as Ammonium sulphate, the constant use of which discourages weeds.

These seeds are somewhat to be preferred to the Creeping Bent Stolons for lawn purposes (but not for putting greens), because they do not grow so rapidly and the average home-owner can keep up with the mowing. Seed at the rate of 3 to 4 lbs. per 1000 sq. ft.

European Mixed Bent ("Creeping Bent Grass"), 1 lb., $1.50; 5 lbs., $7.25; 10 lbs., $14.00.

RHODE ISLAND BENT GRASS has been neglected as a lawn grass. It makes a fine close turf of excellent color and adapts itself readily to any soils, particularly acid soils. This grass also makes good putting green turf.

Rhode Island or Colonial Bent, 1 lb., $1.70; 5 lbs., $8.25; 10 lbs., $16.00.

White Clover

Extra fancy seed. Price, ½ lb., 40c; 1 lb., 75c; 2 lbs., $1.50; 3 lbs., $2.20; 5 lbs., $3.60; 10 lbs., $7.00.

Fancy Kentucky Blue Grass (Poa pratensis)

EXTRA FANCY SUN CURED SEED—Specially recleaned and of high germination, 23 lbs. per bushel. 1 lb., 60c; 2 lbs., $1.20; 3 lbs., $1.65; 5 lbs., $2.45; 10 lbs., $4.70; 50 lbs., $22.25; 100 lbs., $43.00, prepaid to 300 miles.

Fancy Seed, actual weight, 21 lbs. per bu. (The standard grade of recleaned blue grass.) 1 lb., 55c; 2 lbs., $1.10; 3 lbs., $1.50; 5 lbs., $2.25; 10 lbs., $4.30; 50 lbs., $20.25; 100 lbs., $39.00, prepaid to 300 miles.

Red Top Grass (Agrostis alba)

Extra Fancy recleaned solid seed (32 lbs. per bu.): 1 lb., 40c; 2 lbs., 75c; 3 lbs., $1.00; 5 lbs., $1.40; 10 lbs., $2.60; 50 lbs., $11.75; 100 lbs., $22.00, prepaid to 300 miles.

On orders under $2.00 or beyond prepaid zone, add 5c per lb. for postage. Lawn Seed orders of $2.00 or more prepaid to within 300 miles of Chicago or New York. On Parcel Post C. O. D. orders there is an extra charge for C. O. D. delivery.

Golden Anniversary Tulip Collection of May-flowering (Darwin, Cottage and Breeder) type, each variety separately bagged and labeled

60 bulbs, 6 each of 10 named varieties, $3.00, postpaid. | **120 bulbs, 12 each of 10 named varieties, $5.50, postpaid.** | **600 bulbs, 60 each of 10 named varieties, $25.00, by express.** | **1,000 bulbs, 100 each of 10 named varieties, $40.00, by express.**

Select from *Cream* of Holland Crop for *Your* Garden

VAUGHAN'S Seed Store does not solicit advance retail orders, to be imported as "special packs" from Holland. Instead we place in one lump, one of the largest orders received by Dutch bulb growers from this country.

This order is of importance to the bulb industry of Holland; it represents a substantial proportion of their year's production of quality bulbs. For fifty years such an order has been placed by this house, acting for its customers, who include thousands of professional florists and estate gardeners, as well as amateurs.

To obtain a share of this order growers well know what they must guarantee: First quality bulbs, true to name, accurately graded, and shipped at the earliest possible moment after the harvest.

Vaughan's order has the right of way in every establishment which fills any part of it, and the result is that our customers receive their bulbs as a rule long before "special packs" have been started.

They receive bulbs which have been especially selected from the cream of the crop, before other orders are filled and which are shipped together in designated ships, with careful precautions against heating during the voyage.

Anyone familiar with quantity buying subject to expert inspection, can understand the advantages to our customers, in selecting their bulbs from our extensive stock, rather than seeking quality by submitting relatively small advance orders, to be placed with the growers abroad and filled as "special packs," from the bulbs which remain after the larger export shipments have been made.

Of all the rewards won by the gardener, that found in the beauty of spring-flowering bulbs is the most dependable and satisfying. A gardener may love the winter, his season of rest, when he plans by the fireside the months of enjoyment to come. But is there ever a one who fails to grow impatient and long for the day when the first flower of spring shall open?

Without the bulbs, this day would be late, indeed. The crocuses, scillas, and daffodils begin the garden season. In March (in Chicago's latitude) they thrust their pretty heads above a desolate soil,

There are in the garden season a dozen flowers that dominate, one after the other, herbaceous borders. Each in its season is the headliner of the show. The complete border must contain them all, let it have what else it will. They are, in order of appearance: Daffodils, tulips, iris, peonies, larkspur and lilies, hollyhocks, phlox, dahlias (where they can be grown), zinnias, cosmos, hardy asters and chrysanthemums. From March to Thanksgiving day their pageant continues. All these may be planted in the fall, except the dahlias, zinnias, and chrysanthemums. The hardy bulbs must be planted in the autumn.

The purchase of spring-flowering bulbs should not be considered an expense, to be charged to one garden season. It is an investment. A stock of bulbs has been known to produce flowers in the same garden for a century.

Even the labor of lifting bulbs after flowering may be dispensed with. All do excellently when left undisturbed year after year. This practice, indeed, is recommended for the daffodils. And tulips will suffer small loss if allowed to remain in a bed where they have done well, with annual doses of bone meal, and occasional liming.

They are happy in the same beds with perennials and fill an indispensable role in the early garden.

Beginners' Bulb Offers

$1.00 To introduce to you the variety and beauty of spring flowering bulbs we will send the following, all of first quality: 6 scillas, 6 crocuses, 6 early tulips, 6 May-flowering bulbs and 6 narcissi—30 bulbs in all—for **$1.00**, postpaid.

$5.00 We will send bulbs of the finest quality of our selection, all named varieties, or single colors, no mixtures, bagged separately with names on bags; the following assortment: 25 crocuses, 25 scillas, 25 early tulips, 50 May-flowering tulips, 25 mixed daffodils, 18 Paper White narcissi for indoor growing—168 bulbs for **$5.00**, prepaid.

$10.00 We will send bulbs of the finest quality and of the better named varieties, bagged separately, with names on bags, the following assortment: 50 crocuses, 50 scillas, 25 early tulips, 50 Darwin tulips, 25 cottage tulips, 25 Breeder tulips, 45 mixed daffodils, 30 Paper White narcissi for indoor growing, 12 bedding hyacinths—312 bulbs for **$10.00**, not prepaid.

$25.00 We will send bulbs of the finest quality and of the better named varieties, bagged separately with names on bags, in the following assortment: 150 crocuses, 150 scillas, 100 early tulips, 150 Darwin tulips, 150 cottage tulips, 100 Breeder tulips, 100 mixed daffodils, 25 Paper White narcissi for indoor growing, 12 bedding hyacinths—937 bulbs, not prepaid, for **$25.00**.

PAPER WHITE Grown in Gravel

Paper White Narcissi

To Grow in Bowls of Water

AN EMBARGO by the Federal Horticulural Board against the imporptation of narcissus bulbs, limits us to American-grown narcissi of all types, including the tender Paper Whites, used so extensively for forcing in gravel and water.

The stock of American grown Paper Whites is very limited, and the greatest care is necessary to insure good quality. The increase in prices is due to the small supply. After inspecting fields of growing narcissi in every section of the United States where their propagation has been attmpted—from the Pacific Coast, to Texas, Florida and South Carolina—we have purchased for our customers the cream of those obtainable.

All Paper Whites offered by us are from fields free from insects and so have not been subjected to the hot water treatment, which is required for fly-infested bulbs, and which is said to injure their forcing qualities. All our bulbs have been grown in sections favorable in soil and climate by thoroughly experienced propagators whose previous crops of Paper Whites have been tested for forcing and found to be equal in flower production to imported bulbs, though somewhat later in flowering. Our customers should allow a somewhat longer time for bringing these bulbs to flower than they were accustomed to allow the French bulbs.

If by Parcel Post, 12 bulbs weigh 3 lbs.; 50, 10 lbs. Add postage at zone rates.

Fancy Selected Bulbs, 13 ctms., per doz., $1.00; per 100, $7.00; per 1000, $65.00.
Mammoth Bulbs, 14 ctms., per doz., $1.25; per 100, $8.00; per 1000, $75.00.
Grand Soliel D'Or. The Yellow Paper White, Doz. $2.00. 100, $15.00.

French Roman Hyacinths

The white variety, if planted early in September and slowly forced, will bloom in November. The others require from two to three weeks longer. They will flower in three months.

White, select size, per doz., $2.00; per 100, $15.00.
Blue, per doz., $1.50; per 100, $11.00.
Light Pink, per doz., $1.50; per 100, $11.00.
Dark Pink, per doz., $1.50; per 100, $11.00.

Dutch Roman or Miniature Hyacinths

(Also called Cynthellas)

These are fine for growing in pots, pans or window boxes. Although naturally small in size, they give very large spikes of bloom, considering the size of bulb. Follow directions given for "Hyacinths in Pots." Mailing weight per doz., 2 lbs.

SINGLE RED AND ROSE—**QUEEN OF PINK**, bright rose-pink; **GERTRUDE**, clear rose; **LA VICTORIA**, brilliant dark pink.
SINGLE WHITE —**LA GRANDESSE**, snow-white; **L'INNOCENCE**, purest white.
SINGLE BLUE —**GRAND MAITRE**, deep porcelain; **QUEEN OF THE BLUES**, light blue.
Prices: Per doz., $1.40; per 100, $9.50; 1000, $90.00.

Giant Amaryllis

Largest of Forcing Bulbs

OF ALL bulbs which the amateur can grow successfully indoors, the Amaryllis is at once the largest, most beautiful, surest to flower and most easily handled. Our new hybrids, especially, are so gorgeous in size and coloring as to amaze those not familiar with them. From a single stem, spring from one to three lily-like flowers, six to eight inches in diameter. So vigorous are the bulbs that they will blossom if stood on a table in a warm room, but it is better to grow them in pots.

They thrive best in a compost of two-thirds good garden loam with one-third leaf mold, to which should be added a little sand. They require temperature of 50 to 55 degrees, and if to be forced it should be raised ten degrees.

The size of the pot depends on the variety and size of bulb. A six-inch or seven-inch pot will accommodate one bulb of most varieties, though some of the "monster" bulbs require as large as a 10-inch or 12-inch pot. Place only one bulb in each pot, covering it as far as the neck or upper narrow part. Water sparingly at first until the flower shoots begin to appear. Some growers keep them in the dark until the flower stems are four or five inches long, and then bring them to the light.

After flowering they should be placed in a warm window, or set outside in sand or cinders and watered every day (sometimes twice a day), until the end of August when water should be gradually withheld and the bulbs allowed to go to rest.

EQUESTRE. Orange-scarlet. Each, 30c; doz., $3.00; 100, $22.00.

JOHNSONII. Has immense trumpet-shaped flowers, which measure 6 to 8 inches across, are borne on strong fleshy spikes, and are rich, deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. Each, 55c; doz., $5.50; 100, $40.00.

VAUGHAN'S NEW HYBRIDS. One of the finest strains of Amaryllis we have yet seen, raised by an eminent grower whose entire stock we have purchased. Flowers are immense, borne mostly two and three to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains. **California-Grown:** Each, 60c; doz., $6.50; 100, $50.00.

AMARYLLIS Johnsonii

Gravel and Pearl Chips

Gravel for bulb bowls, 5c per lb.; 5 lbs., 20c; 10 lbs., 35c.
Pearl chips, 15c per lb.; 10 lbs., $1.25.
Pearl Chips, Colored. Per lb., 20c; 10 lbs., for $1.50.
For Parcel Post delivery add postage at zone rates.

VAUGHAN'S PREPARED FIBRE

For Growing Bulbs in Bowls, Without Drainage.
Per Lb. 15c; 3 lbs., 40c; 10 lbs., $1.00.

Lilies of the Valley

Will Flower in 21 Days

Lilies on Your Table All Winter

One month covers the time from planting cold storage lily of the valley pips, through flowering, and fading. To keep your bowl filled through the winter we have arranged to book orders for divided shipments, a month apart. Cold storage pips must be planted promptly on receipt. We will send the first shipment at any date you wish (Nov. 15 will give you Christmas flowers) and will duplicate the shipment every 30 days thereafter, as long as you wish (until April 1). Minimum shipment is 25 bulbs, for **$2.00,** prepaid to 300 miles. For two months' supply (25 each 30 days), send **$4.00;** 3 months, **$6.00;** 4 months, **$8.00;** 5 months, **$10.00.**

THESE beautiful, fragrant flowers may be brought to flower in 18 to 21 days, if pips from cold storage are used. They are easily forced in a bowl, if planted in sphagnum moss and kept well watered. Their dainty fragrance is preferred by many to the large Paper White narcissi, and they are much quicker to flower. Do not order more than you intend to use at once as the cold storage pips will not keep. Plant about 25 pips in a 7-inch bowl, place in a warm temperature, 65 degrees Fahrenheit and shade from light until leaves and spikes are well developed, then admit light gradually. Increase temperature to 75 degrees or 80 degrees if possible. An inverted pot over each bowl answers admirably to shade them. They may be forced in soil the same way, in a 7-inch pot or pan. This is the treatment for cold storage pips only.

COLD STORAGE PIPS, ready November 1. 25 for **$2.00;** 100 for **$6.50,** postpaid.
SPHAGNUM MOSS, sufficient for 25 pips, **10c,** postpaid.

LILIES of the VALLEY Forced in Sphagnum Moss

Chinese or Sacred Lily

The Chinese Sacred Lily is a narcissus, imported from China until January, 1926, when it was barred from the United States together with other narcissi. The bulbs we offer are grown in the United States. The bulbs require a warm and humid room in which to grow. They are large and throw up 5 to 10 flower spikes with clusters of fragrant white blossoms. Plant in water with gravel to hold them upright. It is advisable to cut two or three slits half an inch deep, up and down the sides of the bulb near the top, to enable the flowering shoots to burst through the tough outer skin. Try growing a few in Prepared Fibre.

Mammoth. Each, **25c;** doz., **$2.50.**

	Each	Doz.
Belgian. Tall	$0.40	$4.00
Tye Shape	.40	4.00

Bulb Bowls

Colored Satin Finish Glass Bowls

Amber SatinFinish

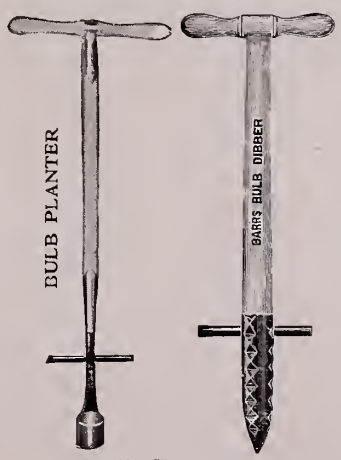
THESE bowls are specially shaped for bulbs and equally attractive for flowers, made of the best grade of flint glass, in a rich, beautiful satin finish, in the following colors: Nile Green, Light Blue, Rich Deep Amber, and Black.

5½ inch, weight 2 lbs., each, 60c. 6½ inch, weight 3 lbs., each, 70c. 9 inch, weight 4 lbs., each, 90c.

F. L. Style Bowls

A POTTERY bowl with a matt green, blue and jet black glaze finish. Prices: 5-inch (wt. 2 lbs.), **40c;** 6-inch (wt. 3 lbs.), **50c;** 8-inch (wt. 4 lbs.). **85c.** For Parcel Post delivery add postage at zone rates. See order blank.

Blue F. L. Style



Bulb Planter

Specially designed for planting Daffodils and other bulbs in grass. This tool cuts and lifts a clean circular piece of turf.
Each (in Chicago), **$8.75;** (in N. Y. **$8.50.**

Bulb Dibber

Specially designed for dibbling bulbs into borders, etc., steel shod, with strong iron thread and cross wooden handle; a good, strong, heavy tool, weight, about 6¾ lbs., length 36 inches over all. This tool will save its cost.
Each (in Chicago), **$6.75;** (in N. Y.) **$6.50.**

1/5 Actual Size

Vaughan's Bulb Planter

A New, Handy Tool

For planting all kinds of bulbs, especially gladiolus, tulips and hyacinths. Each, 75c.

Dibber

For planting bulbs and plants. Steel point. Weight, 10 oz. Each, 85c.

WINTER ONION SETS

Egyptian. Qt., **25c;** Peck, **$1.00;** ½ bu., **$1.75;** bu., **$2.50.**

Exquisite *Coloring* and Free Flowering in New *Peonies*

HOW CHANGED the peony has come to be, since the days when early officinalis rubra with its bright red blossoms was its eommon represcntative in gardens. Its chief claim to eminence in the floral world used to be its size; and we would say it made up by its impressive proportions, what it may have lacked in coloring and delicaey of petals. But now, with size greatly increased, we have blossoms of a coloring unsurpassed for subtile shading. We have Solange, which Mrs. Edward Harding compared to an oriental pearl; Therese and Walter Faxon, the exquisite pinks; LeCynge, milk-white with petals eurving like the feather's on a swan's wing and others in number of a quality which not the finest roses can surpass.

The landscape value of the peony cannot be questioned. Its huge flowers, on bushes that match shrubs in size, produce an effect in the garden which no other flower can duplicate. And now these flowers have been brought to a perfection which makes a selceted specimen a thing to treasure, to cover with a paper bag to prevent fading in the bright sun; to cut when it is opening and carry into the house, where from the beginning to the end of its brief life, its exquisite beauty may be enjoyed to the full.

If you have no peonies of this quality in your garden; then there is a pleasure in store for you, which need not be put off another year.

Do not form your opinion of the modern peonies, by plants of unnamed varieties which you may have or know about. Of no flower are there more out-of-date specimens surviving in gardens. The peony is a long-lived plant. The purchase of a good variety is an investment for life. But the flowering qualities of the different varieties differ greatly; and only in recent years have systematic breeding efforts and eareful attention to ancestry given us so many beautiful free flowering kinds at moderate prices.

A variety need not be new to be good; but unless you know its name there is no certainty of its quality. While the purchase of a named variety, of known character, assures you of good flowers and plenty of them.

Is it not worse than foolish to take a chance on failure with an unknown and perhaps barren plant, when good ones cost so little?

Whenever a peony plant under proper treatment refuses to blossom, it should be discarded. A fair trial will not take long. Most peony plants, of 3 eyes and up, planted in the fall, will blossom the following spring. This is true of free-flowering varieties of all colors. If blossoms fail to appear by the third year unless a cause is apparent in the environment of the plant, which ean be corrected, the plant may be discarded

Bargain Peony Collections

By Express, F. O. B. Chicago. If wanted by mail, add 15c for divided root collections, 25c for medium root collections.
Divided roots have 3 to 5 eyes; medium roots, 5 to 8 eyes.

The number preceding each variety is the rating assigned by the American Peony Society, 10 being perfection

Collection 68A

9 9	**Le Cygne**, white.	9 0	**Longfellow**, crimson.
9 7	**Solange**, cream	9 3	**Walter Faxon**, pink.

One each of the above, divided roots, $17.50.

Collection 68B

9 1	**Francis Willard**, white.	8 9	**Georgiana Shaylor**, pink.
8 8	**Richard Carvel**, red.	9 8	**Therese**, pink.

One each of the above, divided roots, $10.00.

Collection 68C

9 3	**Festiva Maxima**, white.	8 8	**Karl Rosenfeld**, red.
9 2	**Mons. Jules Elie**, pink.	8 7	**President Taft**, pink.

One each of the above, divided roots, $3.50; medium roots, $5.50.

Collection 68D

8.1	**Duchess de Nemours**, white	7.8	**Duc de Wellington**, sulphur white.
7 7	**Dorchester**, salmon pink.	7.6	**Edulis Superba**, bright pink.
8.4	**Felix Crousse**, red	7.5	**Marechal Valliant**, American Beauty.

One each of the above, divided roots, $3.00; medium roots, $5.00.

Collection 68E—Surplus Varieties $4.00

Twelve different Peonies—4 white and light; 5 pink and rose; 3 red —all labeled to color; $4.00; by mail, postpaid, $4.50.

The World's Best

OUR collection 6A, includes Le Cynge, Solange and Walter Faxon, three varieties which Mrs. Edward Harding in her book, "Peonies in the Little Garden," declares to be the best in the world. With these is Longfellow, one of the highest rated reds. Prices of peonies will not deeline rapidly, because propagation is relatively slow. If $17.50 seems too much, the other collections contain varieties more moderate in price and of quality very little less. All the varietics in these collections are of first rank, as the ratings given them by the Ameriean Peony Society prove.

Newer *Irises* Essential in Modern Gardens

They Meet the *Latest* Specifications for Good *Landscape* Flowers

THE modern iris, and the modern garden—without the first, the second seems impossible. So completely do the new irises fill the specifications for a landscape flower, as decreed by the most recent revision of the cannons of gardening art—it would seem that Nature and the designers were in agreement.

What flower can match their wonderful range of color, and at the same time equal their variety of size and form? The only color lacking in the iris, red, is the one least essential in the garden. Of pinks, purples, both red and blue; yellows from pale cream to the deepest gold, it is now possible to obtain varieties of almost any height wanted from 18 inches to 4 feet. There are pure whites, low and tall, and the beautifully delicate plicatas—white edged with purple—to highlight groups of the duller colors. There are bronzes and browns, and luminous ruby colors, to glow in the sunshine.

No longer may the newer irises be collectors' flowers. The time has come when they must leave the prosaic surroundings of the collector's rows, and take their rightful places in the garden, where their beauty may be displayed at its best. Give them a background of cool green; group them with studied care for color-harmony and contrast; light up the duller ones with plentiful white; balance the blue-purples with good yellows, and let the pink varieties, from the palest to the deep ruby of Seminole, supply the warmth which completes an entrancing picture.

Best Varieties at a Bargain

THERE is no longer any reason for delay in acquiring some of the better irises. Prices are down and merit has been established so that investment may be made without risk of error.

Six such varieties that have made iris history, all being rated by the American Iris Society at 8 points or over (10 being perfection) are those listed in our collection 8A, displayed in the box at bottom of this page. The garden which acquires these may be satisfied that for years to come, it will possess irises of the first rank. Collection 8B lists varieties of a wide color choice and outstanding merit. Collection 8C offers standard varieties, some still unsurpassed in their color class, all of which add to the garden picture a variety of color and height which will be found invaluable in arranging pleasing groups.

Irises dominate the border in the period that follows the May-flowering tulips and precedes the peonies. Their season continues about one month. Those few perennials which blossom with them

IRIS Ambassadeur, $1.00; 3 for $2.00

cannot compare with the irises in grandeur; so that no garden can afford to do without them.

If there is any flower more easily grown, more gratefully responsive to the gardener's care, we do not know it. And our American climate seems to have been made for the hardy varieties; they enjoy our cold winters and our hot summers, and ask only a place in the sun, which is well drained. They may be planted in the midsummer, the autumn or the spring; and they do well in each case.

The Culture of Irises

THE main cultural detail for the tall bearded or dry irises is drainage and all the sun possible. They require a summer bake to do their best. They also demand a well limed soil. They need no fertilizing but benefit from an occasional dressing of bone meal worked into the soil or a coating of wood ashes in alternating years with lime; or, better still, a coating of gypsum in the spring shortly after growth starts. Gypsum provides the lime element in the form which best suits irises. Gypsum is also the best known preventive and cure of iris rot. It is almost entirely free from insects and disease pests, the rot and borer both being rare. **(Continued on Page 24)**

Vaughan's Iris Bargains

Collection 78A

9.4 **Ambassadeur,** bronze and maroon
9.4 **Ballerine,** light violet blue
8.5 **Dream,** soft clear pink
9.0 **Lent A. Williamson,** purple
8.7 **Opera,** reddish purple
9.3 **Souv. de Mad. Gaudichau,** deep violet purple

1 each above for $4.00
3 each above for 8.50

Collection 78B

8.6 **Cluny,** pale lilac blue
8.3 **Dejazet,** rose and purple
8.5 **Grevin,** violet and red
8.3 **La Neige,** glistening ivory white
8.1 **Neptune,** pale blue and purple
8.3 **Seminole,** violet rose and crimson
Trianon, pale buff
W. J. Fryer, yellow and maroon

1 each above for $3.00
3 each above for 6.00

Collection 78C

8.3 **Archeveque,** violet purple
7.5 **Caprice,** reddish purple
8.1 **Juniata,** clear blue
7.9 **Loreley,** yellow and plum
8.4 **Monsignor,** violet blue
8.3 **Prosper Laugier,** bronze
8.4 **Quaker Lady,** smoky lavender
7.4 **Queen of May,** lilac pink
7.6 **Sherwin Wright,** golden yellow
8.3 La Neige, white

1 each above for $2.00
3 each above for 5.00

Collection 78D—Ten each of 5 varietes (50 plants) our selection for $3.00.

Shipped at buyer's expense F. O. B. Chicago

Shipped express collect—If wanted by Parcel Post, add 15c per collection.

Daffodils and Narcissi

The illustration shows the Daffodil, Van Waveren's Giant, one of the largest of the large trumpet class, in the center; and the Daffodil Olympia, at the right. Above is a Barri Narcissus, Incognita, and below on the left a Poeticus King Edward VII, and on the right a Leedsii Narcissus, White Lady.

COMING in March or April, Narcissi or Daffodills, are the first of the flowers that dominate. They are most pleasing in natural arrangements. They like to nestle at the feet of shrubs. Once planted they need not be lifted until they crowd. Naturalized, the Leedsii, Poeticus and Incomparabilis classes thrive best.

The yellow large trumpets like a fairly heavy soil, while the white trumpets and Leedsii take more kindly to a sandy soil. Do not use fresh manure, but fertilize only with bone meal. Plant the bulbs six inches deep and the same distance apart, in a deep, well worked soil.

Parcel Post. Large bulbs weigh 12 to 1½ pounds; 50 to 5 pounds. Mammoth bulbs, 12 to 3 pounds; 100 to 18 pounds. Price, "each" includes postage. For others, add postage at zone rates.

Large Trumpet All Yellow

Emperor A magnificent sort. The entire flower is a rich yellow; trumpet of immense size and petals so broad that they overlap. Three of these bulbs planted in a 6-inch pot will make a splendid show. Large bulbs, each, **20c**; per doz., **$2.00**; 100, **$15.00.**

King Alfred **"The King of Yellow Daffodils."** Tall, vigorous, golden yellow flower, of elegant form. The expanded trumpet measures 2½ inches in diameter, the perianth proportionately large and segments gracefully twisted. Height, 24 inches. Mammoth bulbs. Each, **35c**; doz., **$3.50**; 100, **$25.00.**

Minister Talma Flowers are bright yellow with a large open trumpet, deeply filled at brim and are thrown well above the erect foliage. Early forcer. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Olympia A giant flower rivaling Van Waveren's giant in size; sulphur-yellow perianth, handsome yellow frilled trumpet. Each, **50**; doz., **$5.50**; 100, **$40.00.**

Van Waveren's Giant The largest of all trumpets, perianth primrose, trumpet bright orange-yellow. Each, **50c**; per doz., **$5.50**; 100, **$40.00.**

Large Trumpet Bicolor

Duke of Bedford (New) A bicolor of massive proportions; perianth pure white, 4½ inches across, with large expanding clear yellow trumpet. Each, **50c**; doz., **$5.50**; 100, **$40.00.**

Victoria Flowers large and erect, with creamy white perianth of remarkable breadth and good quality; the trumpet is a clear rich yellow and frilled at mouth. Large bulbs. Each, **25c**; doz. **$2.50**; 100, **$18.00.**

Leedsii

All have white perianths with white or sulphur trumpets. Most beautiful classes for cutting of all daffodils.

Evangeline Pure white perianth, lemon-yellow cup. Each, **25c**; doz., **$2.50**; 100, **$18.00.**

Lord Kitchener Large, snow-white perianth; big crown of palest primrose, elegantly fluted at the brim. A perfect flower. Each, **75c**; doz., **$7.50.**

Mrs. Langtry A remarkably free-flowering variety, broad white perianth, and white cup opening pale primrose. Valuable or naturalizing. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Mixture for Naturalizing

Our Special mixed contains all the high price Trumpet Leedsii, Star and Poeticus types which we imported before Quarantine 37 went into effect and should not be compared with cheap mixed offered by many.

Vaughan's Special Mixed. Doz., **$1.00**; 100, **$6.50**; 1,000, **$60.**

Regular Mixed. Doz., **80c**; 100, **$5.50**; 1,000, **$50.**

Incomparabilis

This class includes many of the most beautiful and useful Daffodils for bedding, naturalizing and border planting. Strong growers, hardy and free bloomers. Forced for winter flowers, they are splendid.

Gloria Mundi A lovely flower, with fine bold, clear, rich yellow perianth, large cup, much expanded, and very heavily stained orange-scarlet; handsome and striking. Each, **25c**; doz., **$2.50**; 100, **$18.00.**

Red Beacon Perianth is ivory-white, broad and of great substance, slightly shaded sulphur at base, cup prettily fluted and of the most incense fiery orange-red. Each, **60c**; doz., **$6.00**; 100, **$45.00.**

Sir Watkin A well-known daffodil, excellent for large plantings, or growing in pots. Full perianth of pure yellow with large rich golden trumpet. Large size. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Star

To this class belong the most interesting of all Narcissi, including the Barri, Burbidgei and Englehearti (Flat Trumpet) sorts. Their pedigree is simular to the Incomparabilis type, but they inherit more of the Poeticus character in having the cups less than one-third of the length of the perianth segments (petals) and more of the red parent blood suffused through the cup.

Conspicuus A flower of exquisite beauty, unexcelled for cutting; large, broad-spreading perianth; broad, short cup, conspicuously edged bright orange-scarlet. Lasts long in water Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Incognita A beautiful flower with large white perianth, large, flat cup of a glowing orange-apricot color, margined cinnamon-buff. One of the finest of recent introductions. Each, **40c**; doz., **$4.00**; 100, **$30.00.**

Poetaz

Crossing of Poeiticus and Polyanthus varieties, produced this perfectly hardy strain of bunch-flowering Narcissus. Do well planted in pots for winter flowers.

Elvira Pure white with yellow eye, large flower of remarkably good substance; very long stemmed, 3 to 4 flowers on a stem. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Laurens Koster Perianth white, cup light orange-yellow. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Poeticus

The pure white perianth and all-red or picoteed cup, and delicious perfume, peculiar to itself, makes this one of the most popular of all Narcissi.

Horace Snow-white perianth, dark red cup. Each, **30c**; doz., **$3.00**; 100, **$20.00.**

King Edward VII (Almira) Magnificent large flowers with broad, round petals, a glistening white; the yellow cup is edged deep red; very early-flowering variety. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Poeticus (Common Pheasant's Eye) The Narcissus for garden planting; pure white with scarlet-edged cup or eye. Fine for naturalizing, being hardy and increases readily in numbers; late. Each, **12c**; doz., **$1.25**; 100, **$8.00.**

Ornatus A much improved form of the ordinary Poeticus, producing larger flowers and appearing two weeks earlier; for this reason they are especially adapted for forcing and make a splendid cut-flower. Large bulbs. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Double

Alba Plena Ordorata The well-known double white, scented form of Poeticus; sometimes called the gardenia-flowered Narcissus. Late-flowering, and will not force. Best suited for beds or naturalixing Each, **18c**; doz., **$1.75**; 100, **$12.00.**

Von Sion The common Double Yellow Daffodil. The bulbs are large in size, the finest roots that we can select. Each bulb will bring three or more flowers. Each **20c**; doz., **$2.00**; 100 **$15.00.**

Hyacinths

Forcing Hyacinths in Soil

IT IS important in the pot culture of Hyacinths to have rich, light soil. Break off any offsets which appear at the base of the bulbs, and, in potting, place each bulb so that its top shall be half an inch below the surface of the soil, and an inch below the rim of the pot. Use a 5-inch pot for single bulb or four in a 6-inch pot. Give a good watering and set away in a dark, cool place. An excellent place is in an outdoor pit, well drained, where you can cover them with about 3 to 5 inches of coal ashes or sand. Let them remain here for eight or ten weeks, bringing them to the light as required.

Forcing Hyacinths in Glasses

The single varieties are best adapted to forcing in glasses. Fill the glass with clear, soft water, so as to nearly touch the base of the bulb, putting a small piece of charcoal in each glass to keep the water pure and afford some nourishment The filled glasses should be placed in a dry, cool, dark place, and kept there until the roots almost touch the bottom of the glass, when they may be exposed gradually to the light. Water must never be changed, but should be replenished.

Exhibition Hyacinths—Monster Bulbs for Forcing

These should be planted in pots, ornamental bowls, or pans; or grown in water in Hyacinth glasses. They are not suitable for outdoor cultivation. They are all single-flowered:

Red, Pink, White, Blush-White, Light and Dark Blue, and Yellow. Each variety will be carefully packed and named. Price, each, 50c; per doz., $4.50; per 100, $35.00.

Vaughan's Rainbow Collections

Single Named Hyacinths for Window Garden

Queen of Pinks, Pink **Grand Maitre,** Lt. Blue. **La Victoira,** Red. **L'Innocence,** White. **King of the Blues,** Dark Blue. **City of Haarlem,** Yellow.

PREPAID PRICES— Postpaid

A— 6 Bulbs, one of each variety ...$ 2.00
B—12 Bulbs, two of each variety ... 3.75
C—24 Bulbs, four of each variety... 7.00
D—36 Bulbs, six of each variety 10.50

First-Sized Hyacinths for Glasses, Pots

Numbers indicate time of flowering.
No. 1's flowering together earliest, while 4's are latest.

Your selection of varieties as listed below. Each, 35c; doz., $3.50; 100, $25.00.

Single Red Rose

General de Wet, 2, light pink.
Gertrude, 3, rose-pink, medium early; one of the best pot varieties.
La Victoria, 3, brilliant dark pink.
Lady Derby, 1, delicate pink, early forcer.
Marconi, 2, bright pink.
Queen of Pinks, 2, choice, pink.
Roi des Belges, 3, bright scarlet, early.

Single Yellow and Orange

City of Haarlem, 3, golden yellow.
King of the Yellows, 4, extra medium early.
Yellow Hammer, 3.

Single White and Blush

Arentine Arendsen, snow-wite.
General Vetter, blush-white.
Heinz Roozen, 2, snow-white.
La Grandesse, 3, pure white, large bells, splendid spike.
L'Innocence, 2, pure white, compact truss, on short stem; fine for pots.

Single Blue and Purple

Bismarck, 2, bright blue.
Dr. Lieber, dark blue.
Grand Maitre, 2, dark porcelain, medium early.
King of the Blues, 4, dark medium only. 2 pale blue.
Queen of the Blues, 4, light fine spike.
Schotel, 2, light blue, large spike.

Hyacinths for Gardens

HYACINTHS are returning to popularity for both formal beds and border plantings They provide much needed blues. Plant in any good, well drained garden soil. The beds should be raised several inches above the surrounding ground to prevent lodgments of water which causes bulbs to rot. Bulbs should be set 6 inches apart and 6 inches deep. Add postage at rate of 2 lbs. per dozen bulbs. Price each includes postage.

Single White

Arentine Arendsen, snow-white.
General Vetter, blush-white.
Hein Roozen, snow-white.
La Grandesse, pure white, large bells, splendid spike.
L'Innocence, pure white, compact truss on short tem, fine for pots.
Prices of above, per doz., $3.00; 100, $22.00.

Single Blue

Bismarck, bright blue.
Dr. Lieber, dark blue.
Grand Maitre. dark porcelain, medium early.
King of the Blues, dark, medium early.
Queen of the Blues, light fine spike.
Schotel, light blue, large spike.
Prices of above, per doz., $3.00; 100, $22.00.

Single Red and Rose

Garibaldi, brilliant red, early.
General de Wet, light pink.
Gertrude, rose-pink, medium early; one of the best pot varieties.
La Victoria, brilliant dark pink.
Lady Derby, delicate pink, early forcer.
Marconi, bright pink.
Queen of Pinks, choice pink.
Roi des Belges, bright scarlet; early.
Price of above, per doz., $3.00; 100, $22.00

Single Yellow

City of Haarlem, golden yellow.
King of the Yellows, extra medium early.
Yellow Hammer.
Prices of above, per doz., $3.00; 100, $22.00.

"Fancy" Hyacinths

THIS is a grade of Mixed Hyacinths which we annually import, paying the highest prices known for mixed varieties. The bulbs measure from 16 to 17 centimeters in size, are plump and sound, selected from the best named varieties.

Blue, all shades; **Light Blue; Red and Rose; Rose; Pure White; White,** all shades; **Yellow; Mixed, All Colors.** Mailing weight per dozen, 2 lbs.; price of above, per doz., $2.50; 100, $18.00; 1,000, $160.00. We offer these in singles only.

Good Hyacinths

Blue, all shades; **Light Blue; Red and Rose; Rose; Pure White; White and Blush; Yellow; Mixed, All Colors. Add postage for these at rate of 2 lbs. per dozen bulbs.** Price of above, per doz., $2.00; 100, $15.00 1,000, $140.00.

Newer Tulips for

APPLE BLOSSOM (Darwin) — Each, $1.00; Doz., $10.00

NEW varieties of tulips are constantly being introduced by Dutch breeders. In most cases they add new colors or color combinations to the already superb range which the tulips afford. In some cases novel forms are featured. On these pages we have listed recent introductions of interest.

Darwin Tulips

Apple Blossom A beautiful soft rose sport of the old standby, Farncombe Sanders, with steel blue anthers and pure-white base. A very valuable addition to the rather limited class of Darwin tulips which may be grown indoors. Each, $1.00; doz., $10.00; 100, $75.00.

Cherry Blossom A sport of the magnificent Pride of Haarlem, probably the most popular tulip in existence. This offspring, besides having its own good qualities, possesses all of its parents, and tends to bid for some of Pride of Haarlem's popularity. The color is a beautiful, bright cherry-pink, delicately edged white with a bluish white base. Each, 60c; doz., $5.50; 100, $45.00.

Duke of Portland A large flower of fine form, rich, brilliant scarlet in color, with a blue base starred with white. Doz., $1.35; 100, $9.00; 1000, $85.00.

Eclipse Rich, glowing dark red, with a blue base circled by white. A giant tulip of good form on a tall, strong stem, which does not easily snap in stormy weather, making it very good for the garden, and exhibition purposes. Really a royal tulip, which we highly recommend. Height, 30 inches. Doz., $2.00; 100, $15.00; 1000, $135.00.

Enchantress Bright violet; bordered heliotrope, with a white base slightly marked with a blue ring. The petals are very pointed and slightly reflexed. A beautiful flower of good form and much substance. Height, 29 inches. Each, $1.00; doz., $10.00; 100, $75.00.

Eugene De La Croix Shining, satiny black. Not as compact a flower as is Faust, with the petals slightly pointed. It is a wonderful addition to the few dark tulips. Doz., $1.35; 100, $9.00; 1000, $85.00.

KING GEORGE V (Darwin) — Doz., $2.50; 100, $18.00

Gryphus Brilliant dark violet-purple, with center of petals at base marked blue in a white base. The flower is very large. Height, 26 inches. Doz., $1.30; 100, $8.50; 1000, $80.00.

King George V An immense flower of brilliant cherry-rose with a light blue base on a tall, strong stem. The color is dazzling in its brilliance, and this is without doubt one of the finest and most beautifully formed Darwin tulips, worthy to bear a royal name. Height, 28 inches. Doz., $2.50; 100, $18.00; 1000, $160.00.

Mount Everest A very beautiful, large flowered, white tulip of wonderful form and great substance. The small blue markings in the base, combined with its black anthers, proves a very pleasing contrast with the glossy whiteness of the large cup. The stem is tall and strong thus preventing the splashing of the flower by mud which may be caused by the early spring rains. Height, 28 inches. Each, $1.50; doz., $15.00.

Porthos Another wonderful addition to the rather small class of pure white Darwin tulips. The flower is of excellent form and purest white. Just as the black anthers of Mount Everest make that variety outstanding, so the yellow anthers of Porthos harmonize with its whiteness and enhance its chaste beauty. Each, $1.50; doz., $15.00.

Prince of Wales Bright cherry-red with a white base finely striped blue. Enormous flower on a tall, stiff stem. Height, 28 inches. Doz., $2.75; 100, $20.00; 1000, $175.00.

GRYPHUS (Darwin) — Doz., $1.30; 100, $8.50

Prince of the Netherlands Glowing cerise, flushed salmon-rose, with a small, light blue base. Extra large flower of striking color and great substance, borne on a tall stem. Height, 30 inches. Doz., $1.00; 100, $6.50; 1000, $60.00.

Raphael Deep violet purple with a blue base starred white, carried on a very tall, thick stem. A variety which is one of the best of its color class, and one which has created a demand wherever it has been displayed. Add it to your collection upon our special recommendation. Height, 30 inches. Doz., $1.10; 100, $7.00; 1000, $65.00.

Rensselaer A very beautiful, pure white flower with black anthers. A rare tulip of glossy finish that is as gorgeous as it is rare. Height, 29 inches. Each, $2.00; per 10, $18.00; doz., $20.00.

The Bishop A magnificent large flower of clear, deep violet, with a blue base circled by a white halo. A beautiful tulip of good form. Height, 29 inches. Doz., $2.75; 100, $20.00; 1000, $175.00.

Venus The large flower is of exquisite rose with a white center slightly edged light blue, while the petals possess a peculiar, silvery sheen. A grand exhibition tulip. Height, 30 inches. Each, 60c; doz., $5.50; 100, $45.00.

Whistler Vivid maroon-crimson with a blue base and white halo. This variety has the characteristic of producing more than one stem to a bulb, each stem having two or more flowers. On one occasion five blooms were observed from one bulb. This of course does not always occur, but as this has been seen so often in this variety we call it a characteristic and not a freak growth as often seen in other tulips. Height, 24 inches. Doz., 75c; 100, $5.00; 1000, $45.00.

CHERRY BLOSSOM (Darwin) — Each, $0.60; Doz., $5.50

Cottage

Ambrosia This beautiful new variety of Cottage tulip contains a combination of shades—bronze with rosy lilac glow; inside of the large, well-shaped flower is a salmon-orange tone. Height, 22 inches. Doz., $2.75; 100 $20.00; 1000, $175.00.

Argo This extraordinary variety is well taken by all who have seen it. While the flower is not large, it stands out amongst all others for its rich color. It is deep golden yellow, slightly penciled toward the top edges with orange, which deepens as the flower ages. Doz., $1.60; 100, $12.00; 1000, $110.00.

Dido A large, well-formed flower of rich orange-rose tone, with margin of bright orange-yellow, inside bright orange with yellow base. Height, 24 inches. Doz., $3.50; 100, $25.00.

Lord Carnarvon Has a well defined band of clear bright pink on its magnificent pointed petals which makes it amazing. The tulip has an uncommon form, and the band or striping of pink makes it a wonderful flower. Height, 26 inches. Doz., $2.50; 100, $18.00; 1000, $160.00.

Marvel Amber-yellow, with rosy lilac flush at center of petals; inside bright yellow, shaded brown toward base with green star. Medium sized flower, becoming quite yellow with age. Height, 25 inches. Doz., $1.60; 100, $12.00; 1000, $110.00.

Mount Lowe A marvelous tulip in size and of rich and glowing pink, striped white, a magnificent flower. Ends of petals reflex slightly. The whole flower is uncommonly arresting and fine. Height, 28 inches. Doz., $3.50; 100, $25.00.

Quaintness Golden brown, overlaid with rose, the interior mahogany-brown, with yellow base. A remarkable color scheme to be found among the Cottage tulips. A fine pointed flower, very charming among purple horned pansies. Height, 20 inches. Doz., $3.50; 100, $25.00.

ARGO (Cottage) — Doz., $1.60; 100, $12.00

Up-to-date Gardens

PINK PEARL (Breeder) Doz., $3.50 100, $25.00

Newton An extremely tall tulip with a strong stem. The flower is dark violet-purple in color with a white base. Height, 35 inches. Each, **$1.00**; doz., **$10.00**; 100, **$75.00.**

Old Times Dull purple, edged primrose yellow, with bronze interior and star-shaped yellow base. The flowers are rather long and somewhat pointed in form. One of the few tulips of English origin. Height, 23 inches. Doz., **$1.25**; 100, **$8.00**; 1000, **$75.00.**

Pink Pearl A new Breede and quite the finest of its color. The outside of the flower is a lilac-pink, inside rose, with a beautiful white base. A magnificent, egg-shaped flower. Height, 26 inches. Doz., **$3.50**; 100, **$25.00**; 1000, **$235.00.**

Prof. Schotel An extremely handsome and large tulip of bright grayish violet. The flower is pointed and the best of its color. Height, 28 inches. Doz., **$1.25**; 100, **$8.00**; 1000, **$75.00.**

Roi De Siam A large flower of dark violet-purple, lighter towards the edges with white base. Doz., **$1.50**; 100, **$10.00**; 1000, **$90.00.**

Roi Soleil Rich, dark, violet-blue flamed bronze interior feathered buff, with olive base. This dark sport of Louis XIV is very handsome, possessing all the good qualities of its parent, height, stiffness of stem, and the flower of this "Sun King" often surpasses Louis XIV in size and magnificence. Height, 28 inches. Doz., **$2.00**; 100, **$18.00**; 1000, **$160.00.**

Breeder Tulips

Chester Jay Hunt Opening reddish violet, with a white base, the flower soon changes to blue-purple. It is large and loosely formed, of graceful habit, and exquisite color. Height, 28 inches. Doz., **$2.00**; 100, **$15.00**; 1000, **$135.00.**

Chestnut Very dark purple-maroon, base lemon-yellow, streaked green. Doz., **90c**; 100, **$6.00**; 1000, **$55.00.**

Copernicus Dark coppery bronze, with a slight flush of bronzy old-rose; interior is a warm brown, with a yellow base. The flower large, carried upon a sturdy stem. Doz., **$1.30**; 100, **$8.50**; 1000, **$80.00.**

Heloise Enormous flower of fine form, deep magenta-red, with a yellow base edged olive. This variety bears our special recommendation. Height, 25 inches. Doz., **$2.50**; 100, **$18.00**; 1000, **$160.00.**

La Douceur Beautiful violet blue, with a white base. The flower is large and delicately formed. Height, 32 inches. Doz., **$1.60**; 100, **$12.00**; 1000, **$110.00.**

Marechal Victor Large flower of clear blue with a narrow buff border and yellow base. Height, 30 inches Each, **50c**; doz., **$4.50**; 100, **$35.00.**

Mrs. Beecher Stowe A fine deep purple of good form and straight stem, very deep in color and uniform, and one of those with the velvety bloom on the outer petals which gives a tulip so rich a look in the garden. Each, **75c**; doz., **$7.50**; 100, **$50.00.**

Marginata (Syn. Orange Perfection). Apricot-orange, shaded light bronze and edged light yellow. A beautiful variety. Height, 28 inches. Doz., **$2.00**; 100, **$15.00**; 1000, **$135.00.**

OLD TIMES (Breeder) Doz., $1.25 100, $8.00

Virgilius A magnificent color of rich violet-purple, with a rather indistinct base, blending into the predominating color. The form of this tulip is very beautiful, the size of the flower large, and the stem strong. Height, 28 inches. Doz., **$1.50**; 100, **$10.00**; 1000, **$95.00.**

William the Silent Enormous, handsome flower of dark violet-purple with white base. The cup is well opened, the stem strong, and the flower has a glossy sheen. Height, 26 inches. Each, **50c**; doz., **$4.50**; 100, **$35.00.**

HELOISE (Breeder) Doz., $2.50 100, $18.00

Special Rainbow Offer No. 11

One bulb of each of the tulips illustrated in color on Pages 10 and 11 (10 bulbs), postpaid, **$2.75.**

2 of ea. (20 bulbs) **$5.25**
5 of ea. (50 bulbs) **13.00**
10 of ea. (100 bulbs) **25.00**

CHESTNUT (Breeder) Doz., $0.90 100, $6.00

Parrot

Fantasy A remarkable Parrot Tulip with a straight, strong stem, a quality which has always been lacking in Parrot tulips. This variety is a sport of the well-known Darwin Tulip, Clara Butt, and has the same clear pink color as its parent, combined with artistic form of a Parrot Tulip. Each petal is over three inches long, and two inches across. The center of the petals on the outside are marked emerald green. Each, **$1.00**; 10 for, **$8.00.**

Single Early

Diadem A very beautiful, large flowered, pearly pink tulip, with the interior slightly darker rose pink. This variety is outstanding because of its extreme earliness and tall, strong stem. Height, 19 inches. Each, **75c**; doz., **$7.50**; 100, **$50.00.**

Double Early

Triumphator A magnificent bright pink, the best of the several sports of the popular "Murillo." It is an improvement upon the variety "Peach Blossom" which has long been recognized as one of the best double pink tulips. It is more double, the color is much softer, and the form much better than the last named. Height, 11 inches. Doz., **$1.75**; 100, **$13.00**; 1000, **$120.00.**

Lily Flowered

As the result of crossing the dainty pointed-petaled Tulipa retroflexa with a pink Darwin, we have here a new, very beautiful, and distinct race of Tulips having graceful, slightly reflexing flowers on tall, sturdy stems.

Adonis Long, fine shaped flower of a vivid rosy red. Doz., **$1.25**; 100, **$8.00**; 1000, **$75.00.**

Alaska Long shaped flower, with slightly reflexing outer petals. The whole flower is a rich, golden yellow. A prize winner which is as beautiful as it is novel. Height, 27 inches. Each, **50c**; doz., **$4.50**; 100, **$35.00.**

Artemis Bright carmine-rose, pure white base. Doz., **$1.30**; 100, **$8.00**; 1000, **$75.00.**

Sirene A very beautiful flower. Rich rose-pink with pale-pink at the margins of segments, white base. Fine forcer. Great exhibition flower of exquisite beauty. Doz., **$1.10**; 100, **$7.00**; 1000, **$65.00.**

SIRENE (Lily Flower) Doz., $1.10 Doz., $7.00

Darwin Tulips

ISIS (Darwin) Doz., $0.70; 100, $4.50

Shades of Red

Ariadne (28 in.) Brilliant rosy crimson, shaded scarlet with blue base, large flower of great substance. One of the finest. Good forcer. Per doz., 75c; 100, $5.00; 1,000, $45.00. (Illustrated on back cover.)

Bartigon (22 in.) Large flowers of fiery crimson with bright scarlet margin. One of the best of its color. Per doz., 55c; 100, $3.50; 1,000, $30.00.

City of Haarlem Intense dark scarlet with darker bloom; large steel-blue base and white halo; wonderful cup-shaped flower, with petals incurving slightly at the tips. One of the finest brilliant red Darwins. Height, 27 inches. Doz., $1.60; 100, $12.00; 1,000, $110.00.

Europe (22 in.) Glowing salmon scarlet, shaded rose; well formed globular flower, erect grower and lasts well. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Farncombe Sanders (25 in.) Fiery rose, scarlet, inside vivid cerise-scarlet with white center marked blue; flowers perfect shape. Per doz., 55c; 100, $3.50; 1,000, $30.00.

Feu Brilliant (25 in.) Glowing vermilion, blue and white base. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Glow (23 in.) Brilliant glowing vermilion, white and blue base. Per doz., 70c; 100, $4.50; 1,000, $40.00.

Harry Veitch (24 in.) Brilliant blood-red with slightly lighter margin; blue base. Immense blooms on stout stems. An extremely brilliant color that lasts well. Per doz. 70c; 100, $4.50; 1,000, $40.00.

Isis Fiery crimson-scarlet with blue base. Per doz., 70c; 100, $4.50; 1,000 $40.00.

King Harold (24 in.) Deep purple-red with white base, a beautiful variety for the garden, standing the weather well, good forcer. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Pride of Haarlem (28 in.) Bright rose suffused with purple; an enormous flower unsurpassed for groups because of its fine color and stately habit. Per doz., 55c; 100, $3.50; 1,000, $30.00.

Victoire D'Oliviera Carmine-red. Doz., 80c; 100, $5.50; 1,000, $50.00.

William Pitt (22 in.) Very dark scarlet with purple shade on the outer petals; large flower. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Special Rainbow Offer No. 12

One bulb each of the tulips illustrated on pages 12 and 13, (5 bulbs) post paid 50c.

2 of each, (10 bulbs)..... $0.75
5 of each, (25 bulbs).. ..... 1.75
10 of each, (50 bulbs)..... 3.25

DARWIN TULIPS are beautifully outlined, cup-shaped and carried on tall, stiff stems. They vary in color from almost jet black, crimson and scarlet, purple to lilac, mauve, pink and indescribable intermediate blending and pastel shades. Yellow is the one color missing, but this can be supplied from the Cottage varieties listed on following pages and from the richly blended Breeders, varieties may be chosen which will increase the effectiveness of a planting of the pastel tints so prevalent among the Darwins.

Planting. Plant four or five inches deep and six inches apart in raised beds or borders so that the bulbs are slightly above the level of adjacent lawn or walks. In preparing the ground, use Vaughan's Rosegrower Bone Meal (three handfuls to a square yard), thoroughly mixed through the soil.

Parcel Post. If you wish bulbs sent by parcel post, add to our prices, postage at zone rates from Chicago or New York (see order blank), counting twelve bulbs as one pound, fifty as four pounds.

DREAM (Darwin) Doz., $0.70; 100, $4.50

White and Blush

Gretchen (23 in.) Pale flesh-pink, changing to light peach-pink. Large egg-shaped bloom. Per doz., 55c; 100, $3.50; 1,000, $30.00.

Painted Lady (27 in.) Creamy white, faint tinge of heliotrope. Per doz., 60c; 100, $4.00; 1,000, $35.00.

White Queen (24 in.) White, passing to pink. Per doz. 70c; 100, $4.50; 1,000. $40.00.

Queen Mary Lovely shade of cerise-scarlet, edged deep pink, with bright blue base. A large flower of a very clear color. Height, 28 inches. Doz., 90c; 100, $6.00; 1,000, $55.00.

Mixture of Darwin Tulips

Special Mixture, made up by ourselves from best distinct kinds. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Regular Mixture, splendid value for mixed beds and cutting. Per doz., 50c; 100, $3.00; 1,000, $25.00.

Violet, Black and Shades of Purple

Bleu Aimable Bright violet-purple, with distinct steel-blue shading; inside dark violet-purple, with blue base starred white; a very distinct and handsome tulip of large size and shapely form. Height, 26 inches. Doz., 75c; 100, $5.00; 1,000, $45.00.

Dream (25 in.) Pale violet changing to lavender, with lighter edge, clear blue base. Early and keeps its color. Per doz., 70c; 100, $4.50; 1,000, $40.00.

Faust Illustrated on back cover. (30 in.) Dark satiny purple with blue base, very large and well formed, good forcer. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Frans Hals (28 in.) Large blue-violet flowers, extra, very good forcer. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

La Tulipe Noire Nearest of all to the black color. Per doz., 90c; 100, $6.00; 1,000, $55.00.

La Tristesse (Dolores) (25 in.) Slaty-mauve with silvery margin and a violet and bronze reverse. A splendid contrast with the yellow Cottage tulips. Per doz , 70c; 100, $4.50; 1,000, $40.00.

Mrs. Potter Palmer (26 in.) Deep reddish-purple, with dark blue base. A striking and distinct tulip. Per oz., 70c; 100, $4.50; 1,000, $40.00.

Philippe de Commines Velvety dark violet. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Rev. H. Ewbank (20 inches) Deep lilac, toning at the edges to pale lavender. Lighter in color and not so tall as Dream, white base. Distinct flat open flower. Lasts well. Most popular of this shade. Per doz., 60c; 100, $4.00; 1,000, $35.00.

The Sultan (24 in.) Deep maroon-black, brownish margin. Per doz., 60c; 100, $4.00; 1,000 $35.00.

Valentine A magnificent large, shapely Darwin tulip. A light violet with a blue base. Height, 22 inches. Doz., 90c; 100, $6.00; 1,000 $55.00.

William Copeland Syn. Sweet Lavender. The best Darwin tulip for forcing. It may be grown in the house as easily as the early tulips. Also fine for the border. When grown outside, color is rosy lilac. When forced, color is beautiful lavender. Per doz., 70c; 100, $4.50; 1,000, $40.00.

Zulu (27 in.) Rich, velvety, purple-black; large cup-shaped flower. Per doz., 75c; 100, $5.00; 1,000, $45.00.

CLARA BUTT (Darwin) Doz., $0.55; 100, $3.50

Darwin Tulips

Pink and Rose Shades

Afterglow (26 in.) Deep orange suffused with salmon and salmon edge. Large flower of good substance and unusual coloring. Carried on a tall, stately stem. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Baronne De La Tonnaye (26 in.) Bright rose, margined blush-rose; long, large flower, beautifully shaped. Per doz., 55c; 100, $3.50; 1,000, $30.00.

Centenaire (30 in.) Rich violet-rose with large blue center, immense flower of perfect shape, splendid forcer. Per doz., 55c; 100, $3.50; 1,000, $30.00.

Clara Butt (20 in.) Bright shrimp pink, paler edges. Perfect bloom of medium height, white base, midseason, lasts well. The best pink Darwin. Per doz., 55c; 100, $3.50; 1,000, $30.00.

La Fiancee Deep rose, shading to old-rose and delicate pink at the edges, with blue base. A splendid variety of large size and very effective when planted with mauve and dark lavender sorts. Height, 30 inches. Doz., $1.25; 100, $8.00; 1,000, $75.00.

Le Notre (27 in.) Beautiful rose shaded blush, extra early variety, very fine for indoor growing. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Matchless (Roi d'Islande). Soft old-rose, with a narrow white border; inside soft violet-rose with a blue base. A very beautiful soft color and one that forces splendidly. Height, 26 inches. Doz., $1.00; 100, $6.50; 1,000, $60.00.

Massenet (25 in.) Soft appleblossom flushed white, large flower. Per doz., $1.20; 100, $7.50; 1,000, $70.00.

Massachusetts (25 in.) Deep rose-banded petals with very distinct pale rose edges. Long oval blooms on strong, erect stems. Blossoms early and cut blossoms last well. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Mme. Krelage (27 in.) Very similar to Massachusetts, but the central pink band is a shade lighter and blends into the pale border. Earlier than Massachusetts and tones off into lighter shades all over. Per doz., 55c; 100, $3.50; 1,000, $30.00.

Nauticus (25 in.) Glowing dark cerise, center, violet and bronze. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Orion Dark scarlet with blue base; enormous flower of brilliant coloring. Height, 24, inches, extra for forcing. Doz., $1.00; 100, $6.50; per 1,000, $60.00.

Petrus Hondius (28 in.) Bright carmine-rose, the most brilliant color in Darwins. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Princess Elizabeth (Syn. Julie Vinot.) (26 in.) Large flower; soft rich rose toning to silvery rose at edges. Inside deep rose, white base. Highly recommended. Per doz., 70c; 100, $4.50; 1,000, $40.00.

Prof. Rawenhoff (28 in.) Cherry-rose with ivory-white and blue base. Enormous, attractive flower. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Psyche Soft salmon-rose, very lovely; borne on long, stiff stems. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Sieraad Van Flora (24 in.) Bright rosy pink flower, shaded with lilac; blue base. Very effective. Per doz., 60c; 100, $4.00; 1,000, $35.00.

PRINCESS ELIZABETH (Darwin) Doz., $0.70; 100, $4.50

Suzon (22 in.) Pale blush pink outside, rosy pink inside. Blue and white base. A distinct and desirable tulip as a companion to some of the dark shades. Per doz., 70c; 100, $4.50; 1,000, $40.00.

Rembrandt Tulips

VESTA (Rembrandt) Doz., $1.10; 100, $7.00

Extra Fine Mixed

Doz., 80c; 100, $5.50; 1,000 $50.00.

REMBRANDT tulips are in reality "broken" forms of Darwin tulips. Broken tulips, on account of their odd colorings and variegations, were very popular at one time, and while the modern tendency to favor self-colors is recognized generally throughout all countries, these broken forms possess splendid decorative value. The stems average from 18 to 22 inches in height.

Apollo Lilac rose and white striped dark carmine. Doz., $1.10; 100, $7.00; 1,000, $65.00.

Julienne Rose, striped and feathered carmine-purple and white. Edges of petals broadly blotched white. Doz., $1.10; 100, $7.00; 1,000, $65.00.

Red Prince Rose-flamed fiery red. Doz., $1.10; 100, $7.00; 1,000, $65.00.

Semele White, heavily striped and feathered vivid rosy pink. Large, of exquisite coloring. Doz., $1.10; 100, $7.00; 1,000, $65.00.

Vesta Lilac, striped and flamed dark carmine. Doz., $1.10; 100, $7.00; 1,000, $65.00.

Zenobia Amaranth and white, feathered brilliant brown. Doz., $1.10; 100, $7.00; 1000, $65.00.

A Splendid Late Double Tulip

Bleu Celeste (Blue Flag) Blooming in May with the Cottage tulips, this magnificent variety makes a wonderful showing in the herbaceous border, or in the partial shade of low shrubs. The blooms are large and very double (resembling a good double peony), a delightful shade of pale bluish purple and are borne on long stems, making them splendid decorative flowers. Per doz., $1.10; 100, $7.00; 1,000, $65.00.

Botanical Tulips and Wild Species

For the Rock Garden and Hardy Plant Border

The general characteristics of the various species, all of which are natives of Asia Minor and Central Asia, are bright colors and recurved petals. These Tulips do not always feel happy in their new surroundings and after two, or possibly three, seasons they will disappear. With care and the provision of suitable quarters they will flower quite satisfactorily. They feel best contented in rock gardens and borders.

Australis (Celsiana.) Yellow, shaded brown. Doz., $1.25; 100, $8.00; 1000, $75.00.

Clusiana "Lady" or "Candystick" Tulip. Outer petals bright cherry red, inner petals creamy white, with violet base; small flower, but very distinct. It should be planted in light soil 6 or 9 inches deep, in the rock garden or among stones in the front of the herbaceous border. A warm and sheltered situation should be chosen, where it will prove to be a gem among early flowers. Flowering season late April. Height, 8 inches. Doz., $1.10; 100, $7.00; 1000, $65.00.

Cornuta Stenopetala Beautifully formed flower, laciniated like a Parrot Tulip, but held upright on tall, stiff stem. Very interesting and curious in a collection. Color combination, scarlet and gold. Doz., $1.20; 100, $7.50; 1000, $70.00.

Florentina Odorata (Sylvestus) Deliciously fragrant butter-yellow blossoms, often two to a stem, with bronze exteriors, carried on slender, arching stem. Increases rapidly when once established. Interplant with Grape Hyacinths. Height, 18 inches. Doz., $1.25; 100, $8.00; 1000, $75.00.

Eichleri A grand Tulip from Turkestan; immense crimson-scarlet flowers with glistening black center marked with gold. Height, 11 inches. Doz., $2.00; 100, $15.00.

Greigi Aurea Brilliant orange-scarlet, with deep yellow goblet-shaped flower, pointed, slightly reflexing petals and broad, thick leaves flushed with purple. Flowers in late April and May, and is a gorgeous Tulip. Wants a hot, dry situation. Height, 9 inches. Doz., $3.50; 100, $25.00.

Kaufmanniana Large, creamy flower, brilliantly marked with carmine, yellow center. Flower opens flat and is carried on a stem usually less than a foot in height. Blooms early in April. The bulbs should be planted six inches deep. Splendid for naturalizing in shady places; self-sows freely. Height, 5 to 7 inches Doz., $4.50; 100, $30.00.

Marjoletti Soft primrose, shaded carmine-red at base; a small flower of very attractive color. This tulip comes from Savoy, and flowers about the second week in May. Height, 14 inches. Doz., $1.25; 100, $8.00; 1000, $75.00.

Mauriana Brilliant glowing scarlet with golden center, flowering in April. Height, 21 inches. Doz., $1.25; 100, $8.00; 1000, $75.00.

Mendel Tulips

A new strain which was obtained by crossing Duc Van Thol tulips with Darwins. Excellent for forcing ing in pans. Contain some dainty colors heretofore unknown in tulips. Mixed. Doz., $2.50; 100, $18.00.

Cottage Tulips

MRS. MOON (Cottage) Doz., $1.10 100, $7.00

AS WITH the Darwin and Breeder types, the classification of Cottage tulips is by race and history, rather than any striking difference in appearance. This type is inclined to have pointed petals, sometimes turned back, and the blossom to be smaller and more slender.

But they harmonize perfectly with the Darwins and Breeders and supply a quality of clear, bright color which these lack; while they have pure yellows not found in others. Every known shade is to be found among these, from deepest crimson to bright red, orange, glorious yellows, pink and a host of delicate tints of yellow, pink-cream and heliotrope. They blossom a few days later than the Darwins, often carrying the flowering period of Spring bulbs into the early days of June, especially if planted in a shady position. Many sweet-scented varieties are included, such as Ges. Lutea, G. Lutea Pallida and Mrs. Moon.

For Pots. When grown in pots, these, like the Darwin tulips, can be had in flower indoors during March and April, in a temperature not exceeding 55 degrees. Those best suited for growing in this way are marked.

Parcel Post. Count twelve bulbs to one pound, fifty to four pounds; one hundred as seven pounds. Larger numbers are sent by express.

SCARLET EMPEROR Doz., $1.00 100, $6.50

Yellow and Striped Shades

***Bouton d' Or** (16 in.) Round shapely blooms of the purest gold. Good for massing in beds or borders and very fine for vases when cut. Per doz., 60c, 100, $4.00; 1,000, $35.00.

***Columbus** (Gala Beauty.) (18 in.) Medium pointed blooms of rich golden yellow, feathered and splashed with intense glowing scarlet. Sweet-scented. A delightful combination of color, distinct from all others. Per doz., $1.20; 100, $7.50; 1,000, $70.00.

Ellen Willmott (20 in.) Long-pointed bloom of pale primrose-yellow, edged golden yellow. Sweet-scented. Per doz., 70c; 100, $4.50; 1,000, $40.00.

***Gesneriana Lutea** (20 in.) A very shapely bloom of the purest yellow; distinctly sweet-scented. One of the best yellow tulips in existence for color and perfume. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Inglescombe Yellow (18 in.) A fine, large, globe-shaped flower, color full rich yellow; sometimes called the Yellow Darwin. Per doz., 70c; 100, $4.50; 1,000, $40.00.

***Ixioides** (18 in.) Pure lemon-yellow, very distinct, pointed bloom similar to Ges. Lutea Pallida, but has a jet black base. When fully open, resembles a giant Ixia, from which it derives its name. Late and lasts. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Mrs. Moon (30 in.) This is beyond doubt the finest late yellow tulip in existence. The blooms are long and pointed, the outer petals reflexed. Distinctly perfumed. Highly recommended for large beds and borders. Per doz. $1.10; 100, $7.00; 1,000, $65.00.

Moonlight (20 in.) Oblong blossoms of delicate pale yellow. Very distinct. Plant in semi-shade. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Special Rainbow Offer No. 14.

One bulb each of the tulips illustrated in color on pages 14 and 15. (6 bulbs) post paid. $1.25.

2 of each (12 bulbs) ..... $ 2.25
5 " " (30 ") 5.50
10 " " (60 ") 15.00

Pink and Rose Shades

Carnation The old English Picotee. Snow-white, changing to carmine-rose, exquisitely beautiful. Per doz, 70c; 100, $4.50; 1,000, $40.00. (Illustrated on back cover.)

George Mendal Carmine rose, inside salmon. Height, 24 inches. Doz., $1.20; 100, $7.50; 1,000, $70.00.

Hobbema Old-rose, flushed buff; a very large, globular flower with rounded petals and carried on a strong stem. A tulip of remarkable coloring, and very beautiful when grown out-of-doors. Fine for late forcing; if forced early the color is not so clear. Height, 13 inches. Doz., 90c; 100, $6.00; 1,000, $55.00.

***Inglescombe Pink** (24 in.) Beautiful clear pink with amber tinge inside, later becoming pure pink. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Maiden's Blush (Picotee) (20 in.) A long-shaped flower, pure white recurved petals, margined rose. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Bronze, Fawn, Lilac and White

***Fairy Queen** (20 in.) Oblong blooms of rosy heliotrope blending into a golden yellow at the edges of petals. Very distinct. One of the most beautiful of all. Per doz., 55c; 100, $3.50; 1,000, $32.50.

***Parisian White** (14 in.) Pure white, edged silvery pink, beautiful globe-shaped flowers. Per doz., 70c; 100, $4.50; 1,000, $40.00.

The Fawn (20 in.) Egg-shaped bloom of yellowish fawn color, blended with pale rosy lavender and blush-pink margin. One of the prettiest of all late tulips. Per doz., 70c; 100, $4.50; 1,000, $40.00. (Illustrated on back cover.)

Union Jack Light violet feathered purple with white markings. Very odd. Per doz., $1.00; 100, $6 50; 1,000, $60.00.

Scarlet and Red Shades

Grenadier (24 in.) Brilliant orange-red. A new tulip of great beauty. Flowers long, borne on very graceful stems. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Gesneriana Major (Spathulata Maj.) (24 in.) Rich crimson-scarlet, with blue basal blotch. One of the best of its color for large plantings especially in combination with yellow or white. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Gesneriana "Orange Globe" (22 in.) Rich crimson-scarlet, shading to orange. A grand contrast with Gesneriana Lutea Pallida. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Glare of the Garden (18 in.) Large egg-shaped blooms of rich velvety crimson, with black and gold base. Pronounced the finest of all late crimson tulips. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Inglescombe Scarlet (16 in.) Brilliant vermilion with a black base. One of the best reds. Per doz., 70c; 100, $4.50; 1,000, $40.00.

John Ruskin Large egg-shaped bloom of graceful form and habit. Flowers salmon-rose with pale yellow margin; inside heliotrope with golden border and base. One of the choicest in this list. Per doz., 70c; 100, $4.50; 1,000, $40.00. (Illustrated on back cover.)

***La Merveille** (20 in.) Extra large fragrant flower, suffused with apricot-orange. Per doz., 60c; 100, $4.00; 1,000, $35.00.

***Scarlet Emperor** (24 in.) Brilliant glowing scarlet. Flowers of gigantic size, cup-shaped, with clear yellow base. (Awarded 1st-class certificate R. H. S. England.) Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Vaughan's Special Mixture Cottage Tulips

AN excellent collection of named varieties, giving a dazzling display in mass. Splendid for cutting. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Regular mixed. Per doz., 50c; 100, $3.00; 1,000, $25.00.

Breeder Tulips

ATTRACTION (Breeder) Doz. $1.55 100, $11.00

BREEDER tulips arecloser to the parent type of this ancient flower than others. The origin of the tulip is hidden in the dim past. But we know that the Dutch fanciers who in 1634 to 1637 speculated in new varieties during the reign of tulipomania grew the "mother bulbs," or Breeder tulips, to produce new striped varieties by "breaking." The Darwin race is supposed to have developed from the Breeders. For a long time the dark, rich colors of the latter were neglected in favor of the brighter and clearer tones of the other types. But recently taste has changed, and the richly hued Breeders have come into favor.

They blossom in May, and though not so tall, perhaps, produce as a rule, even larger blossoms than the Darwins. The colors include many rare among flowers—browns, bronzes, purples, blue-blacks, deep mauves, dull gold and dark lilac all exquisitely blended.

Planting. Plant the same as Darwins. Parcel post weights are also the same.

GARIBALDI (Breeder) Doz. $7.50 100, $50.00

Apricot (24 in.) Bronze shaded Apricot, olive base, large flower. Per doz., $1.30; 100, $8.50; 1,000, $80.00.

Attraction Light bluish violet, inside glowing purple, white base. Per doz., $1.55; 100, $11.00; 1,000, $100.00.

Bacchus (28 in.) Dark violet-blue, very large flower, very handsome. Per doz., $1.50; 100, $10.00; 1,000, $95.00.

Bronze Queen (28 in.) Soft buff, inside tinged golden bronze, good forcer. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Cardinal Manning (28 in.) Wine-red, flushed rosy brown. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Chestnut Very dark brown, almost black. Height, 24 inches. Doz., 90c; 100, $6.00; 1,000, $55.00.

Coridion (24 in.) Clear yellow, very distinct. Per doz., $2.00; 100, $15.00; 1,000, $140.00.

Don Pedro A beautiful shade coffee-brown, shaded maroon, inside rich mahogany. Per doz., $1.60; 100, $12.00; 1,000, $110.00.

Feu Ardent (24 in.) Brilliant fiery red, good forcer. Per doz., $1.55; 100, $11.00; 1,000, $100.00.

Garibaldi Light brown, suffused with lilac with broad edge of soft yellow inside, light bronze pointed petal. Per doz., $7.50; 100, $50.00,

General Ney (25 in.) Old gold with olive. Large flower. Per doz., $1.10; 100, $7.00; 1,000. $65.00. (Illustrated on back cover.)

Godet Parfait (30 in.) Bright violet, with white base, very large flower. Per doz., $1.30; 100, $8.50; 1,000, $80.00.

Golden Bronze (24 in.) Beautiful bronzy yellow, good forcer. Per doz., 80c; 100, $5.50; 1,000, $50.00.

James Watt (25 in.) Brownish black, edged bronze. Very large and beautiful. Doz., $2.50; 100, $18.00; 1,000, $160.00.

Jaune d'Oeuf (26 in.) Outside orange-red, inside orange, good forcer. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Le Mogol (26 in.) Clear lilac, flushed white. Per doz., $1.10; 100, $7.00; 1,000. $65.00.

Louis XIV (16 in.) An immense flower, rich purple, with golden bronze margin; inside bronzy purple. A gigantic and very handsome tulip. Per doz., $1.25; 100, $8.00; 1,000, $75.00. (Illustrated on back cover.)

Lucifer (18 in.) Bright terra-cotta-orange. Very large. Per doz., $1.75; 100, $13.00; 1,000, $125.00.

Madame Lethierry (26 in.) Salmon, very handsome. Per doz., $1.25; 100, $8.00; 1,000, $75.00.

Marie Louise Rose flushed with yellow. A pleasing combination of colors. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Panorama (Fairy) (26 in.) Reddish, mahogany, good forcer. Per doz., 80c; 100, $5.50; 1,000, $50.00.

PRINCE OF ORANGE (Breeder) Doz. $1.55 100, $11.00

Plutarchus (26 in.) Bronze, shaded at base with terra-cotta, a very handsome tulip. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Prince of Orange Orange-scarlet, edged light yellow, flower of striking beauty. Per doz., $1.55; 100, $11.00; 1,000, $100.00.

St. James (28 in.) Dark rosy lilac, edged bronzy tan, with coppery rose flush at tips of petals; inside ruddy mahogany, edged golden brown with yellow and green base. A large flower on tall stem. Doz., $1.00; 100, $6.50; 1,000, $60.00.

Vaughan's Special Mixture of Breeder Tulips

An excellent collection of this popular class of Tulips, including many rare colors. Per doz., 70c; 100, $4.50; 1,000, $40.00.

Queen Alexandria (23 in.) A beautiful new late tulip with a very elegant shaped flower, soft sulphur-yellow with black anthers. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Samson (25 in.) Violet, bronze bordered, good forcer. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Superba (27 in.) Shining velvet-black, brown tinted. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Turenne (25 in.) A remarkably fine tulip of rich purple, broadly margined amber Inside brownish yellow. Per doz., $1.30; 100, $8.50; 1,000, $80.00.

Velvet King (21 in.) Crimson-maroon, reflecting a purplish "bloom;" deep crimson inside. Creamy white base. Rounded petals. Distinct in color and shape from Zulu. Very fine. Per doz., $1.30; 100, $8.50; 1,000, $80.00.

Violet Queen Large ruby-violet of stately habit. Per doz., $1.00; 100, $6.50; 1,000, $60.00. (Illustrated on back cover.)

Yellow Perfection (24 in.) Light bronze-yellow. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Vulcain (25 in.) Reddish apricot, with broad margin of bright buff-yellow, inside dark apricot, edged yellow, with dark green base, starred yellow. A flower of splendid form and in color unlike any other tulip. Per doz., $1.40; 100, $9.50; 1,000, $90.00.

DON PEDRO (Breeder) Doz. $1.60 100, $12.00

Single Early Tulips

COULEUR CARDINAL — Doz., $0.90; 100, $6.00

EARLY TULIPS have suffered undeserved neglect by gardeners who think of them chiefly as material for beds of the carpet type. The fact that these tulips, with their brilliant colors, their short stems and uniform height, formed ideal subjects for the geometrical patterns worked out in flowers which were the fashion a few years back, should not blind us to their usefulness in the modern garden.

Two or three weeks of brilliant color in April, following the daffodils and preceding the Darwin tulips, are worth much to any garden. The early tulips alone can supply it; and among them can be found varieties to play almost any part your garden scheme demands. It is a mistake to think of the early tulips as all short-stemmed, and too bright in color. It is true their brilliancy cannot be excelled by any other class of their own family or any other flower family that we know. But there are also varieties of delicate tints and shades, as beautiful and with flowers as large as anything the May-flowering classes can produce. In height, 12 inches is not uncommon, and a graceful carriage fits these taller kinds to serve in any role a Darwin would grace.

Explanatory. The number following the name of the variety denotes the height in inches, while the (a) and (b) indicate their earliness of bloom—the (a's) flower together and are earliest; the (b's) flower together, but are somewhat late. The Duc Van Thol Tulips should be used for pots only.

Parcel Post. 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs. Add postage at zone rates.

Single Scarlet and Crimson

Artus 7b, a splendid deep scarlet. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Belle Alliance 8b, brilliant scarlet. Per dozen, 90c; 100, $6.00; 1,000, $55.00.

Brilliant Star 8a, bright glowing scarlet; very early. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Couleur Cardinal 8a, crimson. Per doz. 90c; 100, $6.00; 1,000, $55.00.

Cramoisi Brilliant 7b, bright scarlet. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Vermilion Brilliant 7b, dazzling vermilion-scarlet, fine for pots. Per doz., 90c; 100, $6.00; 1,000 $56.00.

Single Yellow

Chrysolora 8b, golden yellow; fine bedder. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Fred Moore 10b, deep orange, edged yellow. Per doz., 80c; 100, $5.50; 1,000 $50.00.

King of Yellows 9a, deep golden yellow. Per doz., $1.10; 100, $7.00; 1,000, $65.00.

Mon Tresor 7a, pure yellow; large cup. Per doz., $1.25; 100, $8.00; 1,000, $75.00.

Rising Sun Per doz., $1.25; 100, $8.00; 1,000, $75.00.

Yellow Prince 8a, golden yellow, fine forcer. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Single White

Diana 14b, pure glistening white, with a yellow base; long flower of handsome shape. A fine new tulip which grows more beautiful as it ages. Per doz., 60c; 100, $4.00; 1,000, $35.00.

La Reine 8b, white, shaded rose. Per doz., 60c; 100, $4.00; 1,000, $35.00.

La Reine Maxima. A lightly flushed white tulip of large size. Makes charming beds with lavender violas. Splendid for forcing. Height 13 inches. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Lady Boreel 8b, pure white, splendid. Per doz., 90c; 100, $6.00; 1,000, $55.00.

White Swan 15b, pure white. Per doz., 70c; 100, $4.50; 1,000, $40.00.

White Hawk 7a, white; very fine. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Single Pink and Rose

Flamingo 8a, carmine-rose and white. Per doz 90c; 100, $6.00; 1,000, $55.00.

Ibis 14b, quite the finest novelty offered by us this year. A brilliant dark pink color when grown indoors. A grand exhibition variety. Per doz., $1.25; 100, $8.00; 1,000, $75.00.

Pink Beauty 12b, bright rose-pink shading to blush-white. Per doz., $1.60; 100, $12.00; 1,000, $110.00.

Proserpine 9a, glossy pink, early. Per doz., $1.20; 100, $7.50; 1,000, $70.00.

Prosperity Fine pink. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Rose Gris de Lin 7b, delicate rose, flushed white. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Rose Luisante 7b, brilliant deep pink. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Rose Precose Light pink, grand flower. Very early and good for forcing indoors. Per doz., $1.50; 100, $10.00; 1,000, $95.00.

Striped Margined or Otherwise

Duc de Berlin 6a, clear scarlet, edged yellow. Per doz., 90c; 100, $6.00; 1,000, $55.00.

De Wet 10a, beautiful deep orange, shaded golden yellow at the base of the petals. A very fragrant flower and one of the finest newer sorts in cultivation. There is no other orange variety which equals it in brilliancy. It is therefore one of the showiest bedders, and as it forces splendidly we can recommend it for all purposes. Per doz., $2.00; 100, $15.00; 1000, $135.00.

Grand Duke (Keizerskroon) 10b, red with distinct wide golden border, one of the finest. Per doz., $1.25; 100, $8.00; 1,000, $75.00.

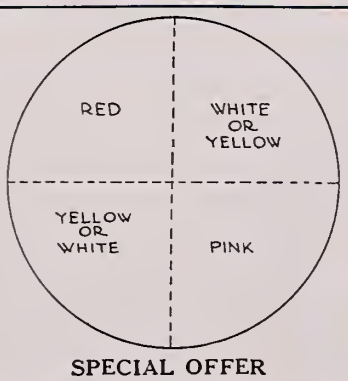
Prince of Austria 8a, orange-vermilion. Per doz., 75c; 100, $5.00; 1,000, $45.00.

President Lincoln 7b, light violet. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Special Rainbow Offer No. 16

Three bulbs of each of the tulips illustrated in color on Pages 16 and 17 (12 bulbs), postpaid, $1.25.

6 of each	(24 bulbs).....	$2.25
12 of each	(48 bulbs).....	4.00
15 of each	(60 bulbs).....	5.00



SPECIAL OFFER

SINGLE TULIP BEDS—Early Flowering

We can furnish at a special price, bulbs for circular beds in four colors, varieties to be our selection. Shallow-rooted plants can be grown in these beds without removing the tulips, except once in three years. For planting in parkways these beds are ideal. Plant the bulbs either 4 or 6 inches apart.

For 3-ft. bed planted 4 in. apart, 96 tulips, 24 each, red, white, yellow and pink **$5.00**, postpaid.

For 3-ft. bed planted 6 in. apart, 36 tulips, 9 each, red, white, yellow and pink, **$2.00**, postpaid.

For 4-ft. bed planted 4 in. apart, 128 tulips, 32 each, red, white, yellow and pink, **$6.00**, postpaid.

For 4-ft. bed, planted 6 in. apart, 60 tulips, 15 each, red, white, yellow and pink, **$3.00**, postpaid.

Single Early Mixed

Per doz., 55c; 100, $3.50; 1,000, $30.00

Vaughan's Special Single Mixed

Per doz., 75c; 100, $5.00; 1,000, $45.00

GEN. DE WET (Single) — Doz., $2.00; 100, 15.00

Double Early Tulips

THERE is a distinct revival of the popularity of double tulips. Coming a little later than the singles, they last much longer, and where the single and double are planted together the season of flowering is prolonged from two to three weeks. The double tulips require a soil more fertile than the singles for perfection of blossoms; and where well grown their mammoth peony-like flowers of delicate or brilliant coloring are most effective either in groups in the border, or in formal beds. The double tulips do very well when grown in pots for winter blooming, but they must be forced more slowly than the single tulips.

Explanatory. The number following the name of the variety denotes the height in inches, while the (a) and (b) indicate their earliness of bloom—the (a's) flower together and are earliest; the (b's) flower together, but are somewhat late.

Parcel Post. 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs. Add postage at zone rates.

Double Pink

Electra Magnificent, enormous flower; beautiful rose, feathered violet; a handsome novelty, unexcelled for exhibition purposes. Per doz. $1.55; 100, $11.00; 1,000, $100.00.

Lucretia 14b, deep rose. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Murillo 7a (fancy), large pink, suffused white. Per doz., 60c; 100, $4.00; 1,000, $35.00.

Peach Blossom 8a. deep rosy pink, deepening with age to a deep rose. A very fine flower with a wonderful color. A new variety of superb quality. Per doz., $1.20; 100, $7.50; 1,000, $70.00.

Salvator Rosa 8a, beautiful rose, fine forcer. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Double White

Boule de Niege 10b, pure white. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Schoonoord (White Murillo) 12b, pure white. Extra fine. Per doz., 80c; 100, $5.50; 1,000, $52.50.

Double Yellow

Brimstone Beauty 12b, yellow and apricot. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Couronne d'Or (Crown of Gold) 10a, beautiful rich, golden yellow. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Mr. Van der Hoef A yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow Double tulips A very lovely flower. Per doz., $1.20; 100, $7.50; 1,000, $70.00.

Double Red

Imperator Rubrorum 9a, bright scarlet. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Rubra Maxima 8b, dazzling scarlet. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Toreador Reddish orange and yellow. Per doz., $1.35; 100, $9.00; 1,000, $85.00.

Vuurbaak 9b, bright scarlet, suffused orange. Per doz., 90c; 100, $6.00; 1,000, $57.50.

Double Striped or Otherwise Colored

Mystery of India Terra Cotta with bronze and rose combination; large flowers on strong stem, for bedding only. Per doz., $1.00; 100, $6.50; 1,000, $60.00.

Titian 82, scarlet, edged yellow. Per doz., $1.20; 100, $7.50; 1,000, $70.00.

Tournesol 8a, Red and yellow; very showy. Per doz., $1.10; 100, $7.00; 1,000, $65.00.

Vaughan's Special Mixture

Made from the best named varieties that will bloom about the same time, and of about the same height. Do not compare this mixture with regular mixtures which are made up by the Holland growers. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Extra Fine Double Mixed

Per doz., 60c; 100, $4.00; 1,000, $37.50.

DOUBLE YELLOW

SPECIAL OFFER

DOUBLE TULIP BEDS— Early Flowering

We can furnish at a special price bulbs for circular beds in three colors, varieties to be our selection. Shallow-rooted plants can be grown in these beds without removing the tulips, except once in three years. For planting in parkways these beds are ideal. Plant the bulbs either 4 or 6 inches apart.

For 3-ft. bed, planted 4 in. apart, 96 tulips, 32 each, pink, white and red, **$6.00,** postpaid.

For 3-ft. bed, planted 6 in. apart, 36 tulips, 12 each, pink, white and red, **$2.50,** postpaid.

For 4-ft. bed, planted 4 in. apart, 126 tulips, 42 each, pink, white and red, **$7.50,** postpaid.

For 4-ft. bed, planted 6 in. apart, 60 tulips, 20 each, pink, white and red, **$4.00,** postpaid.

Striped and Parrot Tulips

BYBLOEMEN TULIP

Doz., $0.90
100, $6.00

Striped Tulips

THOUGH too gay for modern taste to serve in large plantations, the old-fashioned striped tulips are beautiful. They prove that the Dutch tulipomania was not without excuse, and no gardener who wishes his collection to be representative will be without some specimens.

For indoor decoration a few of these truly beautiful and unquestionably striking flowers will be found most welcome. Particularly in May, when they blossom, will their contrasted shades be welcome both indoors and out. **Culture,** same as for Darwin's.

Parcel Post. Count 12 bulbs as one pound, and add postage at zone rates.

Bizarres Mixed. Flowers beautifully blotched, striped and feathered with crimson, pink, scarlet, rose, lilac and purple on yellow ground. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Bybloemens Mixed. White ground, blotched, striped or feathered with lilac, purple, violet, blue. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Parrot Tulips

THEIR fringed and corrugated petals with their wonderful variation make these old-fashioned flowers the most curious of all tulips. Flowering at the same time as other late sorts; they are entirely distinct from any other; the flowers are thick-petaled with extra long stems, and keep extremely well after being cut. The average height is 15 inches.

Admiral de Constantinople Red, tipped orange. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Lutea Major Bright yellow; large. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Markgrave Yellow, striped scarlet and green. Per doz., 75c; 100, $5.00; 1000, $45.00.

Perfecta Yellow, striped red. Per doz., 75c, 100, $5.00; 1,000, $45.00.

Couleur Cafe Brown and yellow. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Cramoisie Brilliant Deep crimson with large black center. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Gloriosa Red and yellow. Per doz., 75c; 100, $5.00; 1,000, $45.00.

Mixed Superfine Per doz., 60c; 100, $4.00; 1,000, $35.00.

The Hardy Lilies

LILIUM AURATUM

LILIES are so beautiful, so fragrant, we are likely to think them too fine for the amateur to grow. But many are hardy, thrifty flowers, capable of surviving conditions which would overcome flowers much less beautiful. Grow them in the border in small groups, with background, where their beauty has a suitable setting for its display. They blossom, as a rule, in midsummer, when fine flowers are at a premium. One of the finest effects in the border is produced by lilies in combination with hardy larkspur. The Madonna and Umbellatum lilies are especially suited for this use.

Lily Bulbs by Parcel Post

Size, 8-9 in., 3 bulbs, ½ lb.; doz., 4-5 lbs.; 9-11 in., 3 bulbs, 1½-2 lbs., doz., 6-7 lbs.; 11-13 in., 3 bulbs, 2-3 lbs.; doz., 9-10 lbs.

Lilium Auratum

Ready December

The Gold-Banded Lily of Japan—The most beautiful variety of all the lily family; should be in every garden. Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. A splendid lily for pots, or for planting out in the shrub or plant borders. In either way it is very handsome, its large flowers and delicious perfume make it one of the most valuable of all. It is perfectly hardy with ordinary protection and suitable soil.

First Size (8 to 9 in.), each, **35c**; doz., **$3.50**; 100, **$25.00.**
Mammoth (9 to 11 in.), each, **50c**; doz., **$5.00**; 100, **$35.00.**
Jumbo (11 to 12 in.), each, **75c**; doz., **$7.50**; 100, **$50.00.**

Auratum Platyphyllum

Ready December

This is without a question one of the most wonderful lilies in cultivation. The leaves are very long and broad and the stems attain a height varying from 7 to 10 feet. The flowers are similar in color to Auratum, heavily spotted, but much larger, the petals more overlapping, and of greater substanee.

First Size (8 to 9 inch), each, **50c**; doz., **$5.00.**
Mammoth, (9 to 11 inch), each, **75c**; doz., **$7.50.**

Lillium Auratum Pictum

Ready December

A very beautiful lily of recent introduction. The flowers are large, pure white in color, with the usual yellow band in the center of each petal, but in this novelty the tip of this band is splashed with red, while red dots replace the usual brown ones of the type. Give this lily as sharp a drainage as possible, preferably gravel or cinders covered with sand, with a layer of rich, friable soil overlaying the bulb, and you will be rewarded every year by a wealth of bloom, color, and fragranee. Plant six to eight inches deep.

Each, **60c**; doz., **$6.50.**

Lilium Regale (Myriophyllum)

Ready November

A new lily recently introduced into this country from China by the famous E. H. ("Chinese") Wilson. The large, trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flower, besides being eminently beautiful, possesses a delightful fragrance. The bulb, which should be given good, sharp drainage (as should all lilies), is perfectly hardy, usually presenting a dried, shriveled appearance.

First Size, each, **35c**; doz., **$3.50**; 100, **$25.00.**
Mammoth Size, each, **50c**; doz., **$5.00**; 100, **$35.00.**

Lilium Tenuifolium

Ready October

The lovely Coral Lily of Siberia. A great beauty. The brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. One ought to grow them by the dozen, they are so fine for cutting and making clumps for the lawn. Blooms very early.

Each. **30c**: doz., **$3.00.**

Madonna Lilies (Lilium Candidum)

Now Ready

This is one of the oldest, loveliest and best known lilies. Can only be planted in fall. Ours is the thick-petaled type, imported by us from Northern Franee. The flowers, of which there are three to twenty on each stem, are snow-white, with heavy yellow stamens and of the most delightful fragrance. It is hardy and will thrive in any ordinary soil, preferring plenty of light and air. Blooms in the open ground about June 20th. Orders should, therefore, be mailed on receipt of this Catalogue.

18 to 20 ctms., each, **25c**; doz., **$2.50**; 100, **$18.00.** 20 to 22 ctms., each, **30c**; doz., **$3.00**; 100, **$22.00.** 22 to 24 ctms., each, **40c**; doz., **$4.00**; 100, **$30.00.** 24 to 26 ctms., each, **50c**; doz., **$5.00**; 100, **$40.00.** 26 ctms. and over, each, **75c**; doz., **$7.50.**

Calla (Richardia)

Ready Now

White Calla Lily (Aethiopica)—A well-known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of September; pot on receipt in good, rieh soil, using 6 to 8-ineh pot, give light and heat in abundance. Both foliage and flowers are attractive in this desirable winter bloomer. If by **PARCEL POST**, add postage at Zone Rates.

First Size (1¼ to 1½ in.), weight, doz., 1 lb. Each, **15c**; doz., **$1.50**; 100, **$10.00.**
Select Size (1½ to 2 in.), weight, doz., 2 lbs. Each, **30c**; doz., **$3.00**; 100, **$20.00.**
Mammoth (2 to 2½ in.), weight, doz., 3 lbs. Each, **45c**; doz., **$4.50**; 100, **$35.00.**

Yellow Calla (Elliottiana)

Ready in November

New and beautiful variety; same habit of growth as ordinary white Calla; flowers same size and shape, rich, elear, lustrous golden yellow; foliage dark green, with translucent creamy spots, strong bulbs.

First Size (1½ to 2 in.). Each, **20c**; doz., **$2.00**; 100, **$15.00.**
Mammoth (2 to 2½ in.). Each, **30c**; doz., **$3.00**; 100, **$20.00.**
Jumbo (2½ in. and up). Each, **45c**; doz., **$4.50**; 100, **$35.00.**

Lilium Speciosum (Lance-Leaved Lily)

Ready in December

These lilies are probably the most popular of all, sueceeding equally well in open border or in pots. When fully open, the petals curve gracefully on the flower stem, exposing the beautiful rose and crimson markings, which characterize the **Rubrum and Melpomene** types.

Album—Pure white.
First Size (8 to 9 in.), each, **60c**; doz., **$6.00**; 100, **$45.00.**
Mammoth (9 to 11 in.), each, **$1.00**; doz., **$10.00**; 100, **$75.00.**

Magnificum—White, spotted and rayed rosy red. We consider this the most satisfactory of the Speciosum class.
First Size (8 to 9 in.), each, **35c**; doz., **$3.50**; 100, **$25.00.**
Mammoth—(9 to 11 in.), each **50c**; per doz. **$5.00**, 100, **$35.00.**
(11 to 13 in.), each. **75c**; doz., **$7.50**; 100, **$50.00.**

Melpomene—White, spotted and splashed deep crimson.
First Size (8 to 9 in.), each, **35c**; doz., **$3.50**; $100, 25.00.
Mammoth (9 to 11 in.), each, **50c**; doz. **$5.00**; 100, **$35.00.**

Lily of the Valley

Large Clumps—For outdoor planting, clumps are best to plant. They do best in a shady, moist place. We especially recommend the clumps for outdoors, as they give a quicker and better effect at less cost. Each, **65c**, postpaid.

Lilium Harrisii

Easter Lily Ready September

7 to 9 in., each, 40c; doz., $4.00; 100, $25.00; 8 to 10 in., each, 50c; doz., $5 00; 100, $35.00; 9 to 11 in., each, 75c; doz., $7.50; 100, $50.00.

Lilium Giganteum

Easter Lily Ready November

6 to 8 in., each, 20c; doz., $1.75; 100, $12.00; 7 to 9 in., each, 30c; doz., $2.50; 100, $18.00; 9 to 10 in., each, 45c; doz., $4.50; 100, $30.00.

Various Hardy Lilies

"Each" and "Dozen" Prices Include Postage

*Canadense (Meadow Lily)—Gracefully drooping, belled-shaped, red and yellow flowers during June and July, attaining the height of two to five feet. Each, 20c; 3 for 50c; doz., $2.00.

Croceum (Orange Lily)—A beautiful, cup-shaped lily from the Alp Mountains of Switzerland, where it grows wild in the pasturelands. The flowers are three to four inches in diameter, bright orange, spotted purplish black in center, with red anthers. It is a handsome, showy, vigorous, long-lived lily which thrives even in our smoky cities. It grows three to six feet high and blooms in June and July. Each, 45c; doz., $4.50; 100, $35.00.

Henryi—A very beautiful lily from central China growing all the way from four feet to eight feet, and often carrying as many as twenty bright orange-yellow, slightly spotted reddish brown flowers in August. It is one of the very best lilies for general culture; hardy, robust, long-lived, growing in almost any soil and situation, although it requires good drainage. Each, 75c; doz., $7.50.

Elegans Mixed—A very beautiful group of showy Japanese Lilies flowering in June and July and growing 1½ to 2 feet high. The cup-shaped flowers range through the reds and yellows. This is a lily of easy culture, highly recommended for naturalizing, and excellent for rock-gardens. Each, 25c; doz., $2.50.

Martagon (European Turk's Cap)—A hardy, robust lily coming from the land of the Tango. It attains the height of three feet, often carrying twenty to thirty purple flowers spotted purplish black. Each, 35c; doz., $3.50.

Pardalinum (Leopard or Panther Lily)—A late June flowering lily of rich scarlet and yellow, spotted rich brown from the Sierra Nevada Mountains of California. One to thirty flowers on a 3-6 foot stem. Each, 30c; doz., $3.00.

*Philadelphicum (Wild Red Lily, Wood Lily)—Our most beautiful native lily, the best specimens of which are usually found growing wild. The flowers are three to four inches in diameter, produced one to five on a stem, one to three feet high. The color is bright orange-red, tinged yellow in center and spotted deep purple, with red anthers. Blooms during late June and early July. Each, 30c; doz., $3.00.

*Superbum (American Turk's Cap, Swamp Lily)—The most magnificent and showy of the native North American species, well worthy of extensive culture. This splendid lily produces from one to forty flowers of brilliant orange-scarlet, shaded yellow and spotted purplish brown at the base, with red anthers, in late July and August. Purchase this variety upon our recommendation. Height 3-8 feet. Each, 20c; 3 for 50c; doz., $2.00.

Tigrinum Flore Pleno (Double Tiger Lily)—Probably the only desirable double flowered lily in cultivation. Color and habit same as that of Tigrinum Splendens. Each, 20c; 3 for 50c; doz., $2.00.

LILIUM MAGNIFICUM (Rubrum)

VARIOUS HARDY LILIES—Continued

Tigrinum Splendens (Tiger Lily)—Because it is so widely cultivated in this country this lily has come to be looked upon as native, but it originally came from China and Japan. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems.. Each, 20c; 3 for 50c; doz., $2.00.

Umbellatum (Dauricum) (Candlestick Lily)—A lily of easy culture with three to five flowers ranging from deepest red through all shades of crimson, rose, yellow, buff and apricot. In June. Height 2 to 3 feet. Each, 25c; doz., $2.50.

Umbellatum Erectum—Although the Umbellatum class through years of hybridation contains innumerable named varieties, at present we deem only one, Erectum, of a place in the garden. The flowers are blood-red, and slightly or not at all spotted. Each, 50c; doz., $5.00.

*These are ready in October; the balance in November.

Miscellaneous Bulbs

CROCUS—Vaughan's Special Mixture Giant-Flowered. Doz., 50c; 100, $3.00; 1,000, $25.00.

Anemone (Windflower)

They succeed best in light, rich, well-drained loam. Plant in November, or as soon as the ground can be worked in the spring. If planted in the autumn they should be covered with leaves, straw or long manure on the approach of winter.

Special Mixed. Doz., $1.00; 100, $6.00.

St. Brigid, a grand strain of Poppy Anemones whose flowers range in color from the deepest crimson to the purest white, embracing such delicate shades as cobalt, scarlet, rose, salmon-pink, and heliotrope. Most are semi-double. Doz., $1.25; 100, $8.00.

Brodiaeas

These plants have a small bulb, producing grassy leaves near the ground, and very slender, but stiff, naked stems bearing a head of waxy flowers of great lasting quality. They thrive best in a light soil, should be given a winter covering, and prefer partial shade. Plant two inches deep.

Coccinea (The Floral Firecracker). The stems may rise to the height of two feet, while the flowers are a vivid crimson-tipped with pea-green. The resemblance to a bunch of firecrackers catches the eye at once. They are most effective when planted in masses. Doz., $1.50; 100, $10.00; 1000, $90.00.

Grandiflora. Has a few large, glossy purple flowers of much beauty and great lasting qualities. Doz., 70c; 100, $4.50; 1000, $40.00.

Calochortus or Mariposa Tulip

These famous California flowers possess much delicacy and brilliancy of coloring. They resemble a tulip in shape, and are of many colors, shades and markings.

Mixed, doz., 75c; 100, $5.00; postpaid; 1000, $45.00, postpaid.

Spring-Flowering Crocus

One of the earliest flowers to open in Spring, the Crocus makes an effective show when planted in masses or arranged in groups in a border. They are perfectly hardy and can be left in the ground for several years without being disturbed. The large-flowering named varieties are ornamental when flowered in pots, six or eight bulbs in 5-inch size. They will not flower if exposed to heat, nor must severe forcing be attempted. It is a mistake to plant Crocuses too deeply, an inch of covering being quite sufficient, anything deeper may cause them to fail to bloom.

Dozen price includes postage. 100 bulbs weigh 3 lbs.

Albion, blue, striped white.
Baron von Bruno, dark blue.
David Rizzio, deep purple.
Dandy, blue.
Non Plus Ultra, blue, bordered white.
Othello, dark purple.
Mont Blanc, pure white.
La Majesteuse, white, violet stripe.
Madam Mina, white striped.
Sir Walter Scott, white, blue stripe.
Mammoth White.
Select Yellow.
Price of above, per doz., 60c; 100, $4.00; 1000, $35.00.
Mammoth Yellow, Doz., 80c; 100, $5.50; 1000, $50.00.

Camassia Leichtlinii

Fine perfectly hardy late spring flowers of much merit. At the base they have large grass-like leaves and an erect, many flowering spike rises from 18 in. to 3 ft. in height. The very handsome flowers are star-shaped and open in long succession. Cover the bulbs 1½ to 2 in. over their tops.

Blue, White } doz., $1.75; 100, $12.00.

Miscellaneous Bulbs

MUSCARI (Grape Hyacinth)

Chionodoxa (Glory of the Snow)

One of our loveliest Spring flowers, when established its sheets of blue in very early Spring are a great attraction in borders, dotted over bulb beds, or massed on rockwork.

Lucillae. Bright, blue with large clear white center. Doz., 55c; 100, $3.50; 1000, $30.00.

Sardensis. Intense deep blue. Doz. 60c; 100, $3.75; 1000, $32.50.

Eranthis Hyemalis (Winter Aconite)

Early in Spring the golden blossoms of Winter Aconite look charming, resting, on an emerald-green of cushion leaves, forming a striking contrast to the Snowdrop, Scilla and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees. Eight inches high. Price per dozen and 100 includes postage.

Doz., 55c; 100, $3.50; 1000, $30.00.

Erythronium

Dog's Tooth Violet (Hardy)

These are charming woodland plants, producing in early April, small, lily-like flowers of which the colors run in delicate tints of white, pink, cream, bright yellow and rose. They thrive in shaded corners or crevices of rock work. Their beauty is enhanced by their richly mottled leaves. They like a light, rather moist, but well drained soil. Plant the corms about three inches deep.

Doz., 75c; 100, $5.00; 1000, $45.00.

Vaughan's Giant Freesias

They should be potted in September and stood outside until the approach of frost, then taken inside to the conservatory or a sunny, airy window, where they will flower freely from January onwards.

VAUGHAN'S PURITY. Flowers are a magnificent snowy white, of very large size and great fragrance. ½ to ⅝ in., doz., 35c; 100, $2.25; 1000, $18.00; ⅝ to ¾ in., doz., 55c; 100, $3.50; 1000, $30.00.

New Named Colored Freesias

California. A large flower of a bright golden yellow, strong grower, long stems. Doz., $1.00; 100, $6.50; 1000, $60.00.

Carmencita. Light orange-salmon. Doz., $1.00; 100, $6.50; 1000, $60.00.

General Pershing. Lavender-pink, yellow lip somewhat of a bronze cast. Doz., 70c; 100, $4.50; 1000, $40.00.

Lavender Queen. Deep lavender heavy bloomers. Doz., 70c; 100, $4.50; 1000, $40.00.

Yellow Prince. Doz., $1.00; 100, $6.50; 1000, $60.00.

Rainbow Mixed. (Our own mixture.) Doz., 60c; 100, $4.00; 1000, $35.00.

Fritillaria Recurva

(Mission Bells).

A beautiful woodland plant from Southern California. 1½ to 2 feet, and producing dainty orange-scarlet flowers. They prefer partial shade and a loose soil.

Doz., $1.50; 100, $10.00; 1000, $90.00.

Fritillaria Meleagris

Singular dwarf spring-flowering plants, bearing large pendant, bell-shaped flowers of various colors: yellow, white, black, purple, striped and splashed and checkered in the most curious way. Invaluable and exceedingly pretty when grown in large groups in the garden border or wild dry situation.

Doz., $1.00; 100, $6.50. (postpaid); 1000, $60.00.

Fritillaria Imperialis (Crown Imperial)

The Crown Imperial is a stately hardy border-plant, very effective in Spring when grouped in woodlands, wild gardens, orchards.

Each, 35c; doz., 3.50; 100, $22.00.

Ixias

The ixia colors are rich, the center always differing in color from the petals. Very desirable for pots. If planted outside be sure to cover with straw or leaves.

Named Varieties. Doz., 60c; 100, $4.00; 1000, $35.00.

Mixed. Doz., 50c; 100, $3.00; 1000, $25.00.

Dutch Iris

(Half Hardy, Give Protection)

A new and early flowering race of bulbous Iris. The flowers open at least two weeks before the Spanish Iris, and immediately after the last of the May-flowering tulips are gone.

Named Varieties. Doz., $1.35; 100, $9.00.

Spanish Iris

(Half Hardy, Give Protection)

Flowers in June. Height, 18 to 24 inches.

Named Varieties. Doz., $1.25; 100, $8.00.

Muscari (Grape Hyacinth)

Beautiful little flowers for planting in masses either in shade or sun. Also adapted for growing indoors. Plant six bulbs in a five-inch pot. Perfectly hardy.

Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Doz., 50c; 100, $3.00; 1000, $25.00.

Pure White. This is a beautiful companion to the above, and they make a striking show when planted together. Price, per doz., 90c; 100, $6.00; 1000, $55.00.

Heavenly Blue. The best blue. Doz., 55c; 100, $3.25; 1000, $27.50.

Ornithogalum

(Star of Bethlehem, Protect, Half Hardy)

Throws up a tall stem with a cluster of star-shaped flowers; pure white with dark centers. Excellent for cutting, lasting a long time in water. Also very adaptable to pot-culture.

Doz., $1.50; 100, $10.00.

Oxalis

Most of these Oxalis flower from October until Christmas, and later. Easily grown, requiring only a good, somewhat peaty soil, with considerable light, for their successful growth.

Grand Duchess. Lavender, pink and white, doz., 55c; 100, $3.50; 1000, $30.00.

Bermuda Buttercup. Doz., 55c; 100, $3.50; 1000, $30.00.

Hirta. Deep pink, very fine for hanging baskets. Doz., 80c; 100, $5.50; 1000, $50.00.

Ranunculus (Buttercup)

Nothing produces a brighter or more gorgeous effect in June and July. They thrive in any ordinary garden soil. Plant in November for early spring bloom in frames. Set the tubers 3 or 4 inches apart, pressing them firmly into the soil, claws downwards, and cover them with sand, then with soil; keep the crown of the tubers two inches under the surface. During dry weather the plants should be given abundance of water.

French Mixed. Doz., 70c; 100, $4.50; 1000, $40.00.

Special H. & S. Strain. Doz., $1.50; 100, $10.00; 1000, $90.00.

Scillas (Squills or Wood Hyacinths)

As edgings and masses in beds and borders, Scillas are most valuable. They succeed in shady flower borders and bare shady places and odd corners which often have a desert-like appearance.

SIBIRICA (The Blue Squill). Bright blue, nothing more beautiful for edgings or pots in early Spring, flowering with the Snowdrop. Height, 4 inches. **Mammoth Bulbs.** Doz., 80c; 100, $5.50; 1000, $50.00.

CAMPANULATA. Clear Blue, very erect in habit (15 inches). Doz., 70c; 100, $4.50; 1000, $40.00.

Alba. Pure white (12 in.). Doz., 75c; 100, $5.00; 1000, $45.00.

Rosea. Fine rose (15 in.). Doz., $1.00; 100, $6.50; 1000, $60.00.

Snowdrops (Galanthus)

In beds of Tulips, Snowdrops flower while these bulbs are just moving to the surface, and when the flowers are over, there remains a groundwork of green foliage.

Single. (Largest Bulbs.) Doz., 70c; 100, $4.50; 1000, $40.00.

Double. (Largest Bulbs.) Doz., 80c; 100, $5.50; 1000, $50.00.

Byzantinus. The finest Giant Single Snowdrop blooming very early, and producing large, handsome, globular flowers. A very free bloomer, very valuable for indoor culture, for it will flower in January. Doz., $1.00; 100, $6.50; 1000, $60.00.

SCILLAS

Perennials for Fall Planting

HARDY perennials may be set out this fall in time to become well established before winter sets in; and next year will see them better developed, and bearing finer flowers than can be obtained from plants set in your border next spring.

This advantage is accompanied with very little extra risk. We do not list the kinds which need special protection through the winter. It is always well to apply a mulch over newly planted perennials, after the ground has frozen. This will tend to prevent winter thaws and frost heaving. Plants should not be placed where water stands, as excessive dampness in the winter causes rot.

All plants are F. O. B., Chicago.

Plants are shipped with their roots well wrapped; and as packages must go by parcel post or express, it is impossible to make prices which cover postage, and are fair alike to all customers. So all prices in our plant list are F.O.B. Chicago, and if it is desired to have them sent by mail, postage should be added at zone rates. If sent by express, they go collect, at customer's expense.

ACHILLEA (Milfoil. Yarrow)

Achilleas are of easy culture and grow in any good garden soil. They are useful for the border, wild garden or shrubbery; also for cutting.

+**Ageratum.** A pretty alpine of compact habit. Yellow, sweet-scented. 3 for 85c; doz., $2.50; 100, $15.00.

—**The Pearl.** June-Aug. White. 2 ft. 3 for 85c; doz., $2.50; 100, $15.00.

ALYSSUM (Madwort)

Showy spring-flowering plants. Valuable for front row in border or rock garden.

+**Saxatile Compactum.** (Gold Dust.) May-June. Golden yellow. 1 ft. 3 for 85c; doz., $2.50; 100, $15.00.

ANCHUSA

—**Italica, Dropmore Variety.** 5 ft. June-July. Beautiful gentian blue flowers, one of the best perennials. Thrives best in partial shade. 3 for $1.00; doz., $3.50.

ANTHEMIS (Marguerite)

These Hardy Marguerites are most satisfactory perennials, succeeding in the poorest soil. The flowers are yellow.

—**Kelwayi.** May-July. Yellow. 1½-2 ft. 3 for 85c; doz., $2.50; 100, $15.00.

AQUILEGIA (Columbine)

The Columbine is one of the most beautiful hardy perennials producing graceful spurred flowers on 2-foot stems. They are much prized for cut flower purposes making dainty decorations. They are one of the most important of our early hardy nowers and should be grown in quantity, being easy to establish and thriving in almost any situation. Our Long-Spurred mixed are selected from the very finest kinds; their colors vary considerably, but all are choice, free in habit and of great value for massing, and with their long stems are splendid for cutting.

+**Canadensis (American Columbine).** 1-2 ft. May-July. Handsome scarlet and orange flowers. 3 for 85c; doz., $2.50; 100, $15.00.

+**Chrysantha.** June-Aug. Golden yellow, long-spurred. 3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Caerulea (Rocky Mountain Columbine).** 1-2 ft. April-July. Sepels deep blue. 3 for $1.00; doz., $3.50; 100, $20.00.

Relative Prices Are as follows:

Plants priced at	per dozen..	3 supplied for	Each
$2.50		$0.85	$0.35
3.50		1.00	.45
4.00		1.25	.50
4.50		1.35	.55
5.00		1.50	.65

25 plants of a variety at the 100 rate where listed by the hundred.

Plants by Parcel Post

If to be sent by parcel post add postage as follows: Single plants 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express

We recommend this mode of transit where quantities are over 18 to 24 plants.

Vaughan's Special Offer of Hardy Plants in Variety

The plants in the following collections will be of the most desirable varieties and of the best quality, but in every instance the selection of varieties will be our own.

We cannot furnish list of varieties in these collections but will send out everything labeled.

No. 25—Hardy Plants. 25 first class plants in variety, our selection for.....$4.00

No. 25A—Hardy Plants. 50 first class plants in variety, our selection for.....$6.50

No. 25B—Hardy plants. 100 first class plants in variety, our selection for.....$12.00

No. 25C—Hardy Plants. 250 first class plants in variety, our selection for.....$25.00

PLANTS FOR ROCK GARDENS

The sign + is placed before varieties especially suited for use in rock gardens.

AQUILEGIA (Columbine) Cont'd.

—**Long-Spurred Blue Shades.** A good mixture of light and dark blue shades. 3 for $1.00; doz., $3.50; 100, $20.00.

+**Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.** The flowers are very large and of distinct shades of blues, lavenders, mauves, whites creams, pinks, reds, yellows, etc. Many of these colors being entirely new in the species and are the result of very many years careful hybridization. 3 for $1.00; doz., $3.50; 100, $20.00

+**Caerulea Rosea (Rose-Queen).** 2½ ft. Beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate combination of colors. 3 for $1.00; doz., $3.50; 100, $20.00.

AQUILEGIA Mrs. Scott Elliot's Strain of Long-Spurred Hybrids.

Darwin Tulips planted among Perennial Plants make a gorgeous display in May.

COREOPSIS Lanceolata Grandiflora

ARABIS (Rock Cress)

Charming dwarf spring-flowering plants of easy culture; valuable for beds, edgings.

+**Alpina.** 6 in. A most useful hardy perennial for spring bedding and rockeries. Early in the year the pure white flowers make a pleasing contrast in beds and borders with Alyssum saxatile compactum. 3 for 85c; doz., $2.50; 100, $15.00.

ARMERIA (Thrift, Sea Pink)

A good plant for front of border, graves or rockery. Dwarf, compact, evergreen foliage. Excellent for cutting.

+**Laucheana.** May-Aug. Rose. 6 in. 3 for 85c; doz., $2.50; 100, $15.00.

ARTEMISIA

—**Lactiflora.** 4 to 4½ ft. Sept.-Oct. A great acquisition to herbaceous borders or wild garden, producing elegant spikes of pure white flowers on stout stems; the whole plant has the appearance of a highly ornamental flowering shrub. Graceful for table decoration. 3 for 85c; doz., $2.50.

AUBRIETIA

+Large flowering Hybrids, many colors. Charming companions to the yellow Alyssum and the white Arabis. 6 in. high. 3 for 85c; doz., $2.50; 100, $15.00.

CAMPANULA (Bell-Flower)

A large, beautiful and most important family for the flower garden. The dwarf species are charming for rock gardens being, as a rule, not difficult to cultivate. The habit of the plant as a rule is compact, ranging from 18 to 24 inches in height. They are most effective when planted in the mixed borders near the early Phloxes.

+**Carpatica. (Harebell.)** June-Aug. Blue. 1 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Persicifolia Caerulea (Peachleaf Bell-flower.)** 2-3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Trachelium.** 2-3 ft. The Nettle-Leaved Bell Flower. Crowded heads of lavender blue flowers. 3 for 85c; doz., $2.50; 100, $15.00.

CARNATION (Hardy Carnation)

After a few years' trials, we have proved these to he quite hardy with ordinary protection. Large double red and white flowers, produced in succession all summer. Make excellent beds and are valuable cut flowers.

—**Grenadin.** Mixed. June-Sept. 1½ ft. 3 for 85c; doz., $2.50; 100, $15.00.

CERASTIUM

+**Tomentosum. (Snow in Summer.)** 4-inch. Silvery white foliage. Snow-white flowers in early summer. 3 for 85c; doz., $2.50; 100, $15.00.

CHRYSANTHEMUM (Hardy Daisy)

Fine hardy border plants, their large daisy-like flowers being produced in great profusion. They are splendid for cut flower purposes, lasting well.

—**Leucanthemum Flore Pleno (Double White Shasta Daisy).** Flowers double pure white of medium size, excellent for cutting. Each plant produces from 30 to 50 flowers. Perfectly hardy without any protection. 3 for $1.00; doz., $3.50; 100, $25.00.

COREOPSIS (Tickseed)

One of the most popular hardy plants. The flowers are a rich golden yellow of a beautiful graceful form

—**Lanceolata.** June-Oct. Yellow. 2 ft. 3 for 85c; doz., $2.50; 100, $15.00.

DELPHINIUM (Perennial Larkspur)

Few plants are so handsome in the garden as the perennial Larkspurs. There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height, varying from 1 to 6 feet; for their great variety in shades of color, varying from the palest lavender through every conceivable shade of blue to deep indigo. They thrive in almost any situation or soil and are easily increased, being perfectly hardy. A good, deep, rich soil will repay with larger and better flowers.

—**Chinese Blue.** 2 ft. Pure blue in branching dwarf spikes. Very graceful for cutting. 3 for 85c; doz., $2.50; 100, $15.00.

—**Belladonna.** Sky-blue. June-Aug. 3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Bellamosum.** This is a dark form of the popular light blue Belladonna with which it is identical in habit and growth, freedom of bloom and other good qualities, but intensely rich deep blue flowers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Blackmore and Langdon Strain.** All the clear shades of blue with many delightful opaline variations. Some make one think of the inside of sea-shells, all with bees of contrasting colors. 3 for $1.00; doz., $3.50; 100, $25.00.

—**Formosum.** June-Aug. Blue with white eye. 4 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Summer Cloud.** The flowers are pure white and come true from seed. 3 for $1.00; doz., $3.50; 100, $25.00.

—**Wrexham Hollyhock-flowered Strain.** New giant-flowered strain of superior quality. Flowers in blue, white and pink combinations, many of them bicolor, many of them 1½ to 2 inches in diameter. One of the most beautiful strains of delphinium. 3 for $1.00; doz., $3.50; 100, $25.00.

DAISY (Shasta)

Alaska. 2 ft. Wonderful show of large white flowers. Fine for cutting. Blooms all summer. 3 for 85c; doz., $2.50; 100, $15.00.

DIANTHUS (Hardy Garden Pink)

These very desirable sweet-scented, low-growing, early blooming and free flowering hardy garden yinks are unequalled for the borders of beds, carriage drives, and the old-fashioned garden, and should be planted in quantity in any good garden soil with full sun and an open situation.

+**Caesius (Cliff Pink).** Flowers delicate rose color, fragrant. 3 for 85c; doz., $2.50; 100, $15.00.

—**Chinensis Diadematus, Mrs. Sinkins.** Large double white. 3 for 85c; doz., $2.50; 100, $15.00.

—**Cruentus (Atrococcineus).** Deep crimson color, semi to fully double flowers, borne on stout stems, 15 to 18 inches high. One of the few dianthus which flower continuously throughout the summer. 3 for 85c; doz., $2.50; 100, $15.00.

—**Plumarius, Vaughan's Special Mixture.** May-Oct. 15 in. 3 for 85c; doz., $2.50; 100, $15.00.

+DICENTRA (Dielytra) SPECTABILIS (Bleeding Heart or Seal Flower)

An old-fashioned favorite. Its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. Strong roots. Each, 75c; doz., $8.00.

DELPHINIUM

DAISY Shasta

EUPHORBIA

—**Epithymoides (Polychroma).** 1 ft. Leaves oblong and dark green, floral leaves different shades of yellow at flowering time. Grows into fine compact bush. Little known but very desirable. 3 for 85c; doz., $2.50; 100, $15.00.

FUNKIA or DAY LILY

Very attractive plants with broad overlapping leaves of various markings; very ornamental, surmounted by dainty lily-like flowers in terminal racemes. 1½-2 ft. July-August. Effective in front of shrubbery, under trees, or any shady position.

—**Fortunei.** Deep blue-green foliage; pale lilac flowers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Undulata Medio Variegata.** 12 inches. Silvery white, lined green. Very ornamental foliage plant. 3 for $1.00. doz., $3.50; 100, $25.00.

GAILLARDIA (Blanket Flower)

Gaillardias are fine for bedding and borders, invaluable as a cut flower, remaining in bloom the entire summer.

—**Grandiflora Mixed.** June-Oct. Mixed. 1½ ft. 3 for 85c; doz., $2.50; 100, $15.00.

GYPSOPHILA

Large graceful sprays of white flowers; splendid for cutting and for drying for winter bouquets.

—**Paniculata (Baby's Breath).** July-Aug. White. 2-3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

Paniculata Flora Pleno. A great improvement on the single-flowered tye and more lasting, the flowers forming miniature balls of white petals. 2-3 ft. July-Aug. Not quite fixed but about 25 per cent come true. The plant is difficult to propagate by division, and seedlings prove much more vigorous. 3 for $1.00; doz., $3.50; 100, $25.00.

+**Repens.** Dwarf white Baby's Breath. Splendid in rockery. 3 for 85c; doz., $2.50; 100, $15.00.

HEMEROCALLIS (Yellow Day Lily)

The Day Lilies are magnificent hardy plants and are undoubtedly among the finest plants for ordinary garden culture, as they will grow anywhere in either partial shade or full sun. The flowers are produced in spikes of from six to a dozen blooms, opening in succession, and are very useful when cut for indoor decoration. Good for borders, shrubberies, wild garden or naturalizing in grass.

—**Aureole.** May-July. Orange shaded with crimson 3 for 65c; doz., $2.00; 100, $10.00.

—**Citrina.** June-July. Pale Citron yellow. 2 ft. 3 for 65c; doz., $2.00; 100, $10.00.

—**Flava.** July-Aug. Yellow. 3 ft. 3 for 65c; doz., $2.00; 100, $10.00.

—**Kwanso fl. pl.** June-July. Coppery red, double. 3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Sovereign.** June-July. Chrome yellow. 3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

LYCHNIS (Jerusalem Cross)

+**Alpina.** 4 in. April. Clusters of rose-colored flowers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Chalcedonica.** June-Sept. Orange-scarlet. 2-3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

LYSIMACHIA

+**Nummularia (Creeping Jenny or Moneywort).** Valuable for planting under trees or shrubs where grass will not grow. 3 for 85c; doz., $2.50; 100, $15.00.

LYTHRUM

—**Rose Queen.** 2-3 ft. July-Sept. A remarkably free-blooming variety with long graceful spikes of rosy pink flowers. 3 for 85c; doz., $2.50; 100, $15.00.

GAILLARDIA Gandiflora Mixed

MERTENSIA (Blue Bells or Virginian Cowslip)

A lovely plant for choice spots in borders, or rock gardens, preferring a southwest aspect; will thrive in any good soil and in the shade.

+**Virginica.** May-June. Light blue. 18 in. 3 for 65c; doz., $2.00; 100, $10.00.

MINT

—Old-fashioned, hardy, useful plant. 3 for 65c; doz., $2.00; 100, $10.00.

MONARDA (Bergamot or Bee Balm)

Fine for naturalizing in woods and shrubbery; bearing large whorls of flowers and fragrant foliage; good for bees. Sandy loam and sunny position.

—**Didyma.** June-Sept. Brilliant scarlet. 3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Fistulosa.** 3 ft. July. Purple flowers. 3 for 85c; doz., $2.50; 100, $15.00.

PHYSOSTEGIA (False Dragon Head)

Fine for a cool situation and rich, light soil, bearing erect spikes of pretty feather-like flowers. Useful for borders, wild gardens and for cutting.

—**Grandiflora "Vivid."** One of the best of the late-blooming perennials. It blooms three weeks later than the other Physostegias (False Dragon Head), the individual flowers are larger and of a deeper, much more vivid pink, and they last a long time when cut. Height, about 20 inches 3 for $1.00; doz., $3.50; 100, $20.00.

PHYSALIS

—**Franchetti (Chinese Lantern Plant).** 1½ ft. Flowers yellow with dark center. Produces balloon-like husks, which turn bright red when ripe and resemble Chinese lanterns. 3 for 65c; doz., $2.00; 100, $12.00.

PLATYCODON (Chinese Bell Flower or Balloon Flower)

Very handsome border plants of the Campanula family, the flowers in bud having the appearance of inflated balloons, they flower from June to September.

—**Grandiflorum.** Large, handsome deep blue flowers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Album.** Pure white. 3 for 85c; doz., $2.50; 100, $15.00.

POLEMONIUM (Jacob's Ladder)

—**Richardsoni.** Sky-blue flowers with golden anthers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Reptans.** 8 to 10 in. April-June. Dwarf bushy plant of graceful growth. Showy blue flowers. Rock garden and fine border plant. 3 for 85c; doz., $2.50; 100, $15.00.

PYRETHRUM (Painted Daisy)

These are of great value for cut flower purposes, lasting in water longer than any flower we know. They are perfectly hardy, delighting in a cool, moist soil.

—**Roseum, Single Mixed.** June. 1½-2 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Uliginosum.** Aug.-Sept. 4 ft. Large giant daisy-like flowers in great profusion. 3 for 85c; doz., $2.50; 100, $15.00.

RUDBECKIA (Cone Flower)

The Rudbeckias are very decorative plants for shrubberies, flower borders or side of carriage drives, thriving in any good garden soil. Golden Glow is perhaps the best known kind, although they are all worthy of a trial, especially the Purpurea for its wine-red color. See Echinacea.

—**Laciniata Compacta.** 2-3 ft. July-Oct. Yellow. 3 for 85c; doz., $2.50; 100, $15.00.

—**Speciosa (Newmanni).** 3 ft. Rich golden yellow with central black disc. 3 for 85c; doz. $2.50; 100, $15.00.

SALVIA

Beautiful plants, with long spikes of tubular blue flowers. Leaves of Officinalis used for seasonings and dressings. Pitcheri makes a grand showing in the fall and is without a doubt one of the best of all Autumn blue flowers.

—**Officinalis.** (Common Sage.) 3 for 65c; doz., $2.00; 100, $12.00.

—**Pitcheri.** (Meadow Sage.) Sept.-Oct. Deep blue. 3½ ft. 3 for $1.00; doz., $3.50.

SCABIOSA (Pincushion)

—**Caucasica Perfecta.** Light blue flowers on long stem; fine for cutting. 3 for 85c; doz., $2.50; 100, $15.00.

PYRETHRUM
Roseum Hybridum Grandiflorum

SEDUM

Fine plants for rock-gardens, ruins, banks and walls, preferring open, loamy soil and stones. They will, however, flourish anywhere in city or country and stand dry weather. They are especially suited to sunny locations.

+**Acre. (Golden Moss.)** May-June. Bright yellow. 3 in. 3 for 85c; doz., $2.50; 100, $15.00.

+**Brilliant.** June-July. Scarlet. 6 in. 3 for 85c; doz., $2.50; 100, $15.00.

—**Rubra.** 2 ft. Sweet-scented red flowers. 3 for 85c; doz., $2.50; 100, $15.00.

VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed.

+**Rupestris.** Dwarf. Heavenly blue. Early. 3 for 85c; doz., $2.50; 100, $15.00.

—**Spicata Alba.** June-July. White. 18 in. 3 for 85c; doz., $2.50; 100, $15.00.

—**Spicata.** 2 ft. July-Aug. Small spikes of rich blue flowers. 3 for 85c; doz., $2.50; 100, $15.00.

VIOLA (Violet)

—**Jersey Gem.** Short, bushy growth, blooming throughout the summer, having flowers of rich pure violet. Long stems make it a good cut-flower variety of the violas. 3 for 85c; doz., $2.50; 100, $15.00.

Hardy Phlox

Phlox Decussata

From the early part of July to the middle of September phloxes dominate in the perennial border. They grow to heights varying from 1 to 3 and even 4 feet. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom extending until late in the fall may be expected.

Letters and numbers immediately following varities, indicate time of flowering and approximate height as follows:

(1) Early (D) Dwarf **Our prices are**
(2) Midseason (M) Medium **for one-year**
(3) Late (T) Tall **field-grown plants.**

The blue, lavendar and orange colored ones should be planted in semi-shade, as the sun often bleaches out the colors in a short time.

Baron Von Dedem. (T 2) Brilliant orange-scarlet with immense trusses and individual flowers. 3 for 85c; doz., $3.50; 100, $20.00.

Bridesmaid. (T 2) Pure white with large crimson-carmine eye. 3 for 85c; doz., $2.50; 100, $15.00.

Deutschland. Large trusses of brilliant dark orange-red flowers. 3 for $1.50; doz., $5.00.

Eclaireur. (T 3) Brilliant rosy magenta with large lighter halo. 3 for 65c; doz., $2.00; 100, $12.00.

Elizabeth Campbell. (M 2) Bright salmon-pink with lighter shadings and dark red eye; one of the handsomest and most attractive. 3 for $1.25; doz., $4.00; 100, $25.00.

Europa. (M 2) White, distinct carmine eye, large flower. A general favorite. 3 for $1.25; doz., $4.00; 100, $25.00.

Enchantress. (M 2) An improved E. Campbell, of richer color. 3 for 65c; doz., $2.00; 100, $12.00.

Ferdinand Cortez. (M 2) Deep rose-pink, shaded salmon towards center. 3 for $1.00; doz., $3.50; 100, $20.00.

Goliath. (M 1) Bright carmine flowers, with darker eye. 3 for 65c; doz, $2.00; 100, $12.00.

B. Comte. Dark amaranth; red, of satiny sheen. 3 for $1.50: doz., $5.00; 100, $35.00.

Jules Sandeau. (D 2) Dwarf; very large-flowering; pure pink. One of the finest. 3 for $1.25; doz., $4.00; 100, $25.00.

La Vague. (M 3) Pure mauve with aniline red eye. 3 for 65c; doz., $2.00; 100, $12.00.

Mme. Paul Dutrie. (M 2) Soft lavender-pink. 3 for $1.00; doz., $3.50; 100, $20.00.

Mia Ruys. (D 2) New dwarf, enormous branched trusses, large dark green foliage, large flowers of the purest white. Very free flowering. 3 for $1.50; doz., $5.00; 100, $35.00.

Miss Lassberg. (M 2) The purest white in cultivation. Extra fine. 3 for 85c; doz., $2.50; 100, $15.00.

Miss Lingard. (T 1) (Suffruticosa.) Pure white; the earliest of all. Blooms all summer. Good for cut flowers. 3 for 85c; doz., $2.50; 100, $15.00.

Mrs. Millie Von Hoboken. (M2) Pure soft pink without eye. Large flower heads on long erect stems. Very fine novelty. 3 for $1.50; doz., $5.00; 100, $35.00.

Prof. Virchow. (M 2) Broad flat flowers; bright carmine with an overlay of orange-scarlet. 3 for $1.00; doz., $3.50; 100, $20.00.

Rheinlander. (M2) A new variety of great beauty, a rareshade of salmon-pink intensified by a distinct claret red eye. Flowers and truss of unusual size. 3 for $1.00; doz., $3.50; 100, $20.00.

Rhynstrom. (M 2) Beautiful rosy pink, color not unlike that of Paul Neyron rose. A good strong grower and free-flowering. 3 for $1.00; doz., $3.50; 100, $20.00.

Riverton Jewel. (T 2) A lovely mauve-rose illuminated by a brilliant carmine-red eye. 3 for $1.00; doz., $3.50; 100, $20.00.

R. P. Struthers. (T 2) Rosy carmine with claret eye. 3 for 85c; doz., $3.50; 100, $20.00.

Siebold. (T 2) An improved Coquilecot; vivid orange-scarlet. Somewhat brighter and a stronger grower. 3 for 85c; doz., $2.50; 100, $15.00.

Sir Edwin Landsier. (M 3) A good light red slightly tinged with rose. 3 for $1.00; doz., $3.50; 100, $20.00.

Thor. (M 2) A splendid variety of a lovely shade of a deep salmon-pink suffused and overlaid with a scarlet glow. 3 for $1.25; doz., $4.00; 100, $25.00.

Von Hochberg. (M 3) The ideal crimson. The richest of its color. 3 for $1.00; doz., $3.50; 100, $18.00.

Wanadis. (M 2) Lilac with violet eye. 3 for 65c; doz., $2.00; 100, $12.00.

W. C. Egan. (T 2) Delicate lilac-pink with solferino eye; fine. 3 for $1.00; doz., $3.50; 100, $20.00.

MIXED. 1-year field-grown plants of a choice mixture of colors. Un-named varieties. Our selection. 3 for 55c; doz., $1.50; 100, $10.00.

SPECIAL OFFER No. 31. One each of 10 varieties, our selection from above. All distinctly labeled for $3.00, prepaid to 5th zone.

SPECIAL OFFER No. 31A. One each of 6 varieties (six plants) our selection. Distinctly labeled for $1.75, postpaid to 5th zone.

SPECIAL OFFER No. 31B. Two plants each of 3 varieties (six plants), three distinct colors, our selection for $1.50, postpaid to 5th zone.

Dwarf and Alpine Phlox

Divaricata Canadensis. One of our specials which is worthy of extensive planting, commencing to bloom early in April and continuing through May, with large fragrant lavender flowers on stems 10 inches high. 3 for 65c; per doz. $2.50; 100, $15.00

Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June, height, 4 in. 3 for 85c; per dozen, $2.50; per 100, $15.00.

Sublata Rosea. Same as above, but with dainty pink flowers. This and Alba are fine for graves 3 for 85c; per doz., $2.50; per 100, $15.00.

Vaughan's Irises

Flag Iris or Fleur de Lis

CECILE MINTURN

PLANTS BY PARCEL POST—If to be sent by parcel post, add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

PLANTS BY EXPRESS — We recommend this mode of transit where quantities are over 18 to 24 plants. We pack carefully, but accept no responsibility for delays over which we have no control that may cause injury to the contents.

"S" refers to the three standard, or upright curling petals; "F" to falls or drooping petals.

The figures preceding the varieties are the rating given to them by the Iris Society, 10 being the highest rating used in judging.

Iris are the most effective if planted 3 of a kind in a clump.

Relative Prices are as Follows:

All 25c varieties supplied 3 for 50c.

Write for special prices on larger quantities.

8.3 **Afterglow.** Large flowers of soft grayish lavender shading to rich yellow through the center. A thrifty, tall grower and free bloomer. Each, 50c; 3 for $1.00.

8.9 **Alcazar.** "S" light bluish violet; "F" rich velvety crimson-purple. A very handsome Iris of good growth, producing tall, strong, widely branched flower stalks. The flowers are large and of good texture. Similar to Lent A. Williamson. Each, 35c; 3 for 75c.

7.8 **Amas (Macrantha).** "S" rich blue; "F" violet; very large and handsome, a very desirable sort. Each, 25c.

9.4 **Ambassadeur.** 40 inches. "S" smoky bronze; "F" dark velvety maroon. A strong grower, carrying its large flowers well disposed on its stalks; petals of great substance. Vilmorin's finest seedling. Late. Each, $1.00; 3 for $2.00.

8.3 **Archeveque.** "S" deep velvety violet; "F" deep purple-violet; an exquisite Iris; a wonderful bloom of finest texture. Each, 35c; 3 for 75c.

Ariadne. A beautiful flower of good substance. "S" pure silvery light blue, with waved edges; "F" deeper blue with violet base. Strong grower and free flowering. Each, $2.50.

9.2 **Asia.** 45 inches. "S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges. Base of standards are heavily reticulared, beard bright golden yellow. Stems strong and vigorous, bearing large flowers of unusual substance and form. Each, $3.00.

9.4 **Ballerine.** 48 inches. "S" light violet-blue; "F" a deeper shade. Very fragrant. The large flowers, 5 inches in height, are borne on strong, tall and slender spikes, are waved at the edge. Similar to Lord of June, but superior to it on account of its better keeping qualities. Early. Each, $1.00; 3 for $2.50.

7.9 **Benbow.** 36 inches. "S" and "F" deep violet blue. Very large flowers; one of the best in the pallida group and the best of its color. Midseason. Each, 50c; 3 for $1.25.

8.5 **B. Y. Morrison.** 33 inches. "S" pale lavender violet; "F" velvety purple with broad lavender border. Well shaped flower with fine horizontal falls. Each, $1.00.

Canopus. 36 inches. A wonderful Dominion seedling. "S" reddish violet, broad and finely arching; "F" rich pansy violet. Large flowers of great substance and very free flowering. Each, $2.00.

7.5 **Caprice.** "S" reddish purple; "F" deeper, self-colored. One of the best red Irises, very similar to Edouard Michel. Each, 25c.

Caroline E. Stringer. 33 inches. Large, delicate, rose-flushed flowers of exceptional substance. A strong and vigorous plant and free bloomer. Each, $3.00.

Cecil Minturn. 24 inches. "S" and "F," a uniform soft shade of cattleya-rose. A beautiful flower, dome-shaped, with broad ruffled petals. Each, 75c; 3 for $1.50.

Chasseur. 36 inches. This is no doubt the finest yellow Iris of European origin. Very fine large flower of deep yellow, becoming lighter with age. Each, $2.00.

8.6 **Cluny.** 38 inches. "S" pale lilac-blue; "F" slightly deeper with brown veinings at the base. Flowers of very large size, of fine form and well placed; a very desirable sort. Early. Each, 50c; 3 for $1.00.

8.0 **Col. Candelot.** 36 inches. "S" smoky copper; "F" deep rich crimson. Flowers large and distinct in color. A vigorous grower and free flowering. Each, 50c; 3 for $1.00.

8.3 **Corrida.** 36 inches. "S" and "F" aniline-blue, a little darker than Celeste. Flowers of medium size; very free-flowering and late. Each. 50c.

8.7 **Crusader.** 42 inches. "S" light blue; "F" deep violet-blue. The flowers are very large, broad-petaled and of great substance; they are freely produced. One of the best clear blues. Midseason. Each, 75c; 3 for $1.50.

8.0 **Dalila.** 24 inches. "S" pale flesh white; "F" rich red-purple with yellow beard. A fine variety. Each, 50c.

8.3 **Dejazet.** 24 inches. "S" bronze rose with golden sheen; "F" reddish violet, the whole beautifully blended. Large, broad flower. Midseason Each, 50c; 3 for $1.00; 10, $3.00.

9.1 **Dominion.** A wonderful Iris in a category of its own, and the forerunner of a new race on account of the extraordinary development of the fall. "S" Dauphin's blue or light bluish violet, large, erectly held, well developed and slightly veined. "F" of exceptional substance expanding at the base to a deep rich indigo-purple velvet. Slight veining at throat; conspicuous orange beard; broad blue-green foliage. Each, $7.50.

7.6 **Dorothea.** Unusual wide-spreading flowers of lilac-blue tinged with white. Very early. Each, 25c.

8.5 **Dream.** 36 inches. "S" and "F" soft clear pink. A beautiful Iris of pallida type. The large flowers are perfect in form and of great substance. Each, 75c; 3 for $2.00.

8.6 **Edouard Michel.** "S" deep red violet; "F" a slightly deeper tone. Flowers large and of fine shape and substance. The "S" are broad and frilled, the "F" are broad and large. Each, 50c.

7.8 **Eldorado.** "S" bronze shaded yellow; "F" violet-purple touched at sides with bronze-yellow. A unique and brilliant color combination. Each, 35c; 3 for 70c.

Empress of India. "S" deep lavender; "F" light violet, lighter than standards. A beautiful novelty bearing large blooms on long elegant flower stems. Each, $1.00; 3 for $2.00.

Flammenschwert. "Flaming Sword." 30 inches. "S" bright clear yellow; "F" velvety brown with yellow border. Grows taller and has larger flowers than the Iris King. Each, $1.00.

7.6 **Florentina Alba.** Large pure white with a trace of pale blue fragrant flowers. One of the earliest to bloom. Each, 25c.

Folkwang. 30 inches. "S" light rose-pink; "F" claret-red with conspicuous veinings of brownish yellow and rose-pink edging. A unique and beautiful color blending. Each, $1.50.

George Yeld. An outstanding variety with a new combination of colors. "S" bright apricot shaded rose; "F" brilliant rose-crimson, edged buff. Large flowers of very fine form. Each, $3.00.

Germaine Perthuis. 36 inches. An enormous, rich violet purple, self-lighted by a striking yellow beard. A descendant of Souv. de Mad. Gaudichau that has inherited all the good qualities of its parent, exceptional vigor, good habits, and great freedom of bloom. Flower has a wonderful velvety appearance and is deliciously scented. Each, $10.00.

Gold Imperial. 33 inches. Chrome yellow throughout except for conspicuous orange beard. Medium-sized flowers of rare texture and form. A fine yellow Iris, deeper in color than Shekinah. Each, $3.00.

8.5 **Grevin.** 26 inches. "S" violet shaded yellow; "F" wine-red. A strong grower with large, well formed flowers. Very attractive. Late. Each, 50c; 3 for $1.00.

7.1 **Halfdan.** Creamy white. Large and of good substance. Each, 25c.

7.3 **Her Majesty.** "S" a lovely rose pink; "F" deeper rose, heavily veined. Each, 25c.

Imperator. 36 inches. "S" Clear violet tinted buff; "F" reddish violet; throat reticulated red-brown. A strong growing plant bearing its large flowers on strong stems; color similar to Seminole, but duller. Late. Each, $1.50.

7.9 **Iris King.** "S" old gold; "F" rich crimson bordered with gold; a very desirable variety; tall, with large flowers. Each, 35c; 3 for 75c.

8.6 **Isoline.** "S" lilac-pink; "F" purplish old rose, with golden throat and yellow beard. One of the handsomest of the Iris family. Each, 50c.

7.8 **Jeanne d'Arc.** 30 inches. "S" and "F" white frilled with lilac-blue. A very dainty variety Each, 25c.

8.1 **Juniata.** Clear blue, deeper than pallida Dalmatica. One of the tallest; flowers large and fragrant. Each, 35c; 3 for 70c.

King Karl. A beautiful plicata of great substance which is deeply frilled and heavily dotted reddish brown. Each, $3.00.

7.8 **Kochi.** "S" and "F" rich claret-purple, a very striking dark flower. Also sold as Black Prince, Midnight and Purple King. Very early. Each, 25c.

Lady Byng. A beautiful Iris with flowers of exceptionally fine form and substance. The color throughout is a clear pale lavender with a slight suffusion of rose. Each, $1.00.

8.3 **La Neige.** 24 inches. "S" and "F" pure glistening ivory white. The falls are carried stiffly horizontal, reminding one of a Japanese Iris. This is, in our judgment, the best of all whites. Each, 35c; 3 for $75c.

9.0 **Lent A. Williamson.** 42 inches. "S" lavender-violet; "F" velvety royal purple. The flowers are of gigantic size; it is a tall and luxuriant grower and the flowers are freely produced. Each, 50c; 3 for $1.25.

Leonato. 48 inches. "S" pale lavender to silvery heliotrope; "F" slightly darker and widely expanded. Flowers fragrant, exceedingly large and shapely. Early flowering and very strong growing. An unusually fine Iris. Each, $4.00.

IRIS—Continued

9.1 **Leverrier.** 42 inches. "S" light purple; "F" rich velvety pansy-violet. A magnificent Iris of vigorous growth, producing its mammoth flowers on tall branching stems. Each, $1.00.

8.2 **Lohengrin.** Large, handsome pink silvery mauve flowers. Each, 35c.

9.1 **Lord of June.** 40 inches. "S" flappy lavender-blue; "F" rich violet-blue. Flowers exceedingly large and handsome; very bold and vigorous habit. Each, 75c.

7.9 **Loreley.** "S" light yellow; "F" ultramarine, bordered cream. Very free-blooming. Each, 25c.

9.1 **Magnifica.** 44 inches. "S" light purple on white; "F" dark reddish purple. A fine, strong plant with branching stems close to 4 feet tall. Flowers of heavy texture, measuring 6 inches high; stands heat well. Very fragrant. Midseason. Each, $1.00.

8.5 **Medrano.** 26 inches. "S" and "F" a beautiful dark, smoky claret, a very rare color. Flowers of large size. Late. Each, $1.00: 3 for $2.00.

Midgard. 36 inches. One of the new varieties introduced by Mr. Sass. Exceptionally large flowers of a yellow and pink blend. Each, $6.00.

Mildred Presby. 30 inches. "S" white; "F" rich, dark, velvety pansy-violet, with narrow edge of lavender white. Large flowers of exceptional fine substance and clear coloring. A bright Rhein Nixe. Each, $2.00.

Miranda. 36 inches. An early variety of clear violet blue. Plant vigorous with strong, well-branched stalks. Each, 50c; 3 for $1.00.

8.7 **Mlle. Schwartz.** 48 inches. Lovely pale mauve flowers of exceptionally large size, borne on very tall branching stems. Each, $1.00.

8.5 **Mme. Chereau.** One of the most beautiful of its class. The flowers are pure white with a broad and irregular border of clear blue, and are borne on strong upright stems that are often from two to three feet tall. Each, 25c.

8.5 **Mme. Chobaut.** 36 inches. "S" white shot with pale chalcedony yellow, shading into wine red; "F" white edged with lilac. A very pleasing contrast of colors. Each, 50c.

8.5 **Moliere.** 28 inches. "S" violet; "F" deep velvety violet; yellow beard. Early. Each, 50e.

8.4 **Monsignor.** "S" bluish lavender; "F" violet with white pencilings at throat. Flowers of immense size and great substance. Blooms for a long time. One of the best. Each, 25c; 3 for 50c.

Morning Splendor. 40 inches. "S" petunia-violet; "F" rich raisin-purple. The flowers are large, of fine form, heavy substance, and delightful fragrance; borne on tall, strong stems; gives a beautiful red effect in the garden. Each, $3.00.

LENT A. WILLIAMSON

Mother of Pearl. 48 inches. A pale bluish lavender flower of exceptional substance and a lustrous texture. A wonderful Iris, tall and vigorous in growth and free flowering. Each, 50; 3 for $1.25.

Mrs. Hetty Matson. "S" purple fawn, shot bronze; "F" broad rich crimson purple; rich yellow beard. Fine large globular flowers. Each, $2.00.

Mrs. Walter Brewster. 36 inches. "S" lavender-blue; "F" aniline-blue. This was awarded the Mrs. E. Harding prize at Paris in 1921 as the most meritorious introduction of that year. As many as six flowers are open at the same time, some over 6 inches long. Each, 75c; 3 for $1.50.

8.1 **Neptune.** 38 inches. "S" bright pale blue; "F" rich dark purple. Flowers very large, borne on tall branching stems; very choice. Midseason. Each, 50c; 3 for $1.00.

7.9 **Oehracea.** 30 inches. "S" dull old gold, finely arched; "F" coppery yellow, tinged with purple. Flowers of wonderful coloring and artistic form. Very sweet-scented and late. Each, $1.50.

8.7 **Opera.** 28 inches. "S" Bishop's (red) purple; "F" purple-violet. A wonderful coloring. Each, 50c; 3 for $1.25.

7.8 **Oriflamme.** "S" light blue; "F" violet-purple. Flowers very large and handsome. A most desirable variety. Each, 35c; 3 for 75c.

8.8 **Pallida Dalmatica.** One of the most beautiful of all these irises. Perfectly hardy, strong grower and very free-flowering. Exquisite shade of lavender-blue. Very effective if planted among evergreens or in front of Spiraea Van Houttei. Each, 35c.

8.1 **Park de Neuilly.** Deep violet-blue. Very free-blooming and effective. Each 35c; 3 for 70c.

9.5 **Princess Beatrice.** 40 inches. A selected form of Pallida Dalmatica and one of the finest of all the irises. Silvery lavender flowers of satiny texture and heavy substance. The falls are well rounded and flaring. Each, 75c; 3 for $2.00.

7.2 **Princess Victoria Louise.** "S" sulphur-yellow; "F" plum color, bordered cream. A very uncommon and pleasing shade. The flower stalks are strong and the habit bold. Each, 25c.

8.3 **Prosper Laugier.** Midseason. "S" fiery bronze; "F" velvety ruby-purple like a pansy bloom. Each, 35c.

Prospero. 48 inches. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Heavily marked with brown at the haft. Deep orange beard. Vigorous tall-growing variety bearing enormous flowers of fine shape. Each, $1.00; 3 for $2.50.

8.4 **Quaker Lady.** "S" smoky lavender, shaded yellow; "F" ageratum blue and gold. A strong grower, odd and attractive. Each, 25c.

9.1 **Queen Caterina.** 40 inches. Pale lavender-violet with orange beard. A strong grower; flowers large with domed standards and rounded, drooping falls. A splendid variety. Midseason. Each, 75c; 3 for $2.00.

7.4 **Queen of May.** "S" lilac-pink; "F" lilac, blended with white; distinct. Each, 25c.

8.1 **Raffet.** 26 inches. "S" delicate soft lavender-blue; "F" lavender-violet, brown markings, at the haft on light ground. Late. Each, 50c; 3 for $1.00.

8.4 **Rhein Nixe.** "S" white, very large; "F" rich violet-purple with distinct narrow white edge. A charming flower. Beautiful in massed effects. Each 35c.

Rosalba. 34 inches. "S" rich wine-red, flushed violet; "F" of deeper coloring. A distinct red-toned iris of fine branching habit. Each, $1.00.

8.2 **Roseway.** 36 inches. Deep red-pink Pallida with broad orange beard. Very early; strong branching stalks. Each, 50c.

Rotorua. "S" pale lavender blue; "F" same shade, suffused deeper blue at the center. Flowers born on tall, well branched stems. Profuse bloomer. Each, $1.00.

8.3 **Seminole.** 30 inches. "S" soft violet-rose; "F" rich velvety crimson, brilliant orange beard. One of the most outstanding sorts. Midseason. Each, 50c; 3 for $1.00.

8.7 **Shekinah.** 36 inches. Clear soft yellow, shaded deeper through the center. One of the finest yellow irises and the first of pallida growth. Midseason. Each, 50c; 3 for $1.25.

7.6 **Sherwin Wright.** Early. "S" and "F" splendid golden yellow without shading or markings. Multiplies rapidly and is most satisfactory. Each, 25c.

8.4 **Sindjkha.** 48 inches. "S" deep lavender shaded to dark olive-buff at the base; "F" lavender-purple. An iris of fine quality on sturdy stems. Each, 75c.

Souv. de Loetitia Michaud. 48 inches. Magnificent flowers of an attractive shade of lobelia blue, shading toward the edge to pale blue; vivid yellow on a white ground at the haft; tall and free flowering on well branched stalks. Each, $6.00.

9.3 **Souv. de Mad. Gaudichau.** "S" and "F" rich deep purple. This is without a doubt the most beautiful of all the deep purple iris. The plants are vigorous, the stalks are tall and the magnificent flowers, of great size, form and substance, are freely produced and well placed. Early. Each, $1.00; 3 for $2.50.

7.6 **Stormcloud (Nuee d' Orage).** Very large flowers of grayish slate-blue, with bronze shading; "F" purplish blue. Very fine. Each, 25c.

Susan Bliss. 42 inches. Exquisite flowers of a uniform shade of deep rose pink, with a light orange beard. Fine shape and of splendid substance. Tall and very free-flowering. One of the best. Each, $2.00.

8.5 **Sweet Lavender.** 36 inches. "S" pale lavender; "F" deep rose-lavender, very broad and horizontal. A lovely iris with fine fragrance. Each, $1.00; 3 for $2.00.

The Inca. 24 inches. "S" deep, clear saffron yellow; "F" velvety dark plum, edged with a golden band through center. An improved Peacock's Eye. Midseason. Each, 50c; 3 for $1.00.

Titan. 36 inches. A Dominion Seedling with flowers of enormous size. "S" light violet-blue, broad and arching. "F" violet-purple, spreading and of very great substance. Each, $3.50.

Trianon. 28 inches. "S" nearly flesh; "F" yellow with a cast of blue. A novel and very delicate combination of colors. A vigorous grower and a free-bloomer; flowers large and well formed. Late. Each, 50c; 3 for $1.00.

8.4 **Troost.** 24 inches. "S" deep rosy purple; "F" paler, veined violet changing to brown. Unique and beautiful. Each, 50c; 3 for $1.00.

8.0 **Violacea Grandiflora.** "S" and "F" clear violet-blue. The best true blue. Each, 25c.

8.3 **White Knight.** A beautiful absolutely snow-white iris without markings of any kind; delicately sweet-scented. It fulfills in every way its worthy name. Each, 50c; 3 for $1.25.

8.3 **W. J. Fryer.** 30 inches. "S" bright yellow; "F" deep maroon with narrow yellow border. An improved Iris King. Late. Each, 50c; 3 for $1.25.

Wild Rose. 33 inches. A charming pink flower. In some lights almost the exact shade of the Prairie Rose but with a silvery finish of uusual smoothness, and of firm texture. Each, $2.00.

Yolande. 35 inches. An improved Souv. de Mad. Gaudichau of a wonderful shade of rich, velvety dark blue-purple. Flowers large; stalks well branched and growth vigorous. Each, $3.50.

8.5 **Zwanenburg.** 20 inches. "S" cream, striped maroon; "F" dark olive-brown, edged violet. Large flowers of peculiarly pleasing coloring. Early. Each, 75c.

KARL ROSENFELD

Vaughan's Peonies

Planting. Peonies may be planted only in the fall. Orders should be sent in at once so that we can forward when weather permits. Avoid planting too deeply, as this is often the cause of shy blooming; 2 or 3 inches of soil over the crown (eyes) being sufficient. We offer three sizes, viz.: **Divided roots** (D) the accepted size, natural divisions, having 3 to 5 eyes of blooming size; (M) **medium sized roots,** 5 to 8 eyes; (L) **large sized roots,** 8 eyes and up.

The figures preceding the varieties are the rating given to them by the American Peony Society, based on a scale giving 10 points for perfection.

Peonies in the Little Garden. By Mrs. Edward Harding. This is a delightfully written book which epitomizes the experience of years, and provides entertainment, instruction and inspiration for the peony admirer. Postpaid, $1.80.

Light and Dark Pink and Rose

7.1 **Alexander Dumas.** Light violet-rose, medium size. A creamy white collar of narrow petals mingled with the white outer petals. A good producer. Early midseason. D, 60c; M, 90c; L, $1.25.

8.7 **Claire Dubois.** Very large, double, globular flowers; color rich clear satiny pink, with glossy reflex. Late midseason. D, $1.00.

7.7 **Dorchester.** Delicate salmon pink, a rare color. D, 75c; M, $1.25; L, $1.75.

7.6 **Edulis Superba.** Usually blooms on Decoration Day. Bright clear mauve-pink, with silvery reflex. Large and fragrant. D, 65c; M, 90c; L, $1.25.

8.9 **Georgiana Shaylor.** Large, flat, pale rose-pink with a few flecks of crimson. Strong grower and midseason bloomer. D, $4.00.

8.5 **Germaine Bigot.** Flat, large compact blooms of crown type. Pale lilac-rose, guards and collar splashed crimson. A strong, erect grower. Midseason. D, $1.50.

7.9 **Jeanne d'Arc.** Collar, cream-white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. Free midseason bloomer. Exquisitely fragrant. D, 75c.

9.0 **La France.** Soft appleblossom-pink, deeper at the base of petals; fragrant. Flowers of largest size, globular, perfectly double, rose type. A strong, erect grower. D, $5.00.

Lillian Gumm. Rose type; midseason. Deep pink reflecting mauve. Resembles La France, but has better stalk. Very large, profuse bloomer. D, $10.00.

8.1 **Livingstone.** Very massive solid light pink of the highest class. Rose-shape. Free. Vigorous bloomer and very late. D, $1.00.

8.8 **Loveliness.** A beautiful variety with large, flat rose-type flowers of hydrangea-pink, changing to lilac-white. Blooms late on strong, medium tall stems. Fragrant. D, $2.50.

7.9 **Mad. Ducel.** Light rose, with silvery reflex; globular compact blooms. Strong grower, medium height. Fragrant. D, 75c; M, $1.25; L, $1.75.

8.5 **Mad. Emile Galle.** Large, flat flowers of rose type, open in late midseason. Delicate shell-pink with touches of heliotrope and lavender. D, $1.00.

7.7 **Madame Forel.** Immense, compact, bell-shaped bloom. Clear deep rose. Strong stems, very fragrant; late. D, 75c; M, $1.25; L. $1.75.

7.9 **Mad. Joanne Sallier.** Rose-pink with occasional flecks on guards and center. Semi-double blooms of large size on tall, strong stems. Early. D, $2.00.

8.4 **Margurite Gerard.** Large, semi-rose developing into a crown with stamens. Very pale hydrangea-pink, fading to nearly white, central petals flecked dark carmine. Free, late. D, $1.00; M, $1.50; L, $2.00.

9.1 **Martha Bullock.** Attains a height of five feet, and its cup-shaped flowers of a soft shell-pink outside, shading to a deep rose-pink in the center are often 9 to 12 inches in diameter. D, $7.50.

8.7 **Mary P. King.** Light coral-pink on outer petals deepening toward center. Center petals delicately margined with lavender. A prolific bloomer. Mild fragrance. D, $6.00.

9.0 **Mary Woodbury Shaylor.** Midseason. Large cup-shaped flowers of clear pink with a creamy colored collar and golden heart. Dwarf grower and profuse bloomer. D, $8.00.

9.2 **M. Jules Elie.** By many considered most beautiful of peonies. The flowers are immense, globular, glistening lilac-pink, shading to deeper rose at the base, all overlaid with a sheen of silver. D, $1.25; M, $2.00; L, $2.50.

9.0 **Milton Hill.** Clear pink overlaid with sheen of delicate lilac. Very large bloom; excellent for cutting; late. D, $4.00.

8.5 **Octavie Demay.** Very large, flat crown, guards and center delicate hydrangea-pink, collar almost white. Very fragrant, very dwarf; midseason. D, $1.00; M, $1.50; L, $2.25.

8.2 **Pierre Duchartre.** Rose type; late. Large, compact flowers of a delicate flesh pink; fragrant. D, $1.50.

8.7 **President Taft.** A vigorous, strong grower, a profuse bloomer, every shoot being crowned by a big bloom, none larger. The color is a delicate hydrangea-pink; slightly fragrant. D, $1.50; M, $2.25; L, $3.00.

7.4 **Princess Beatrice.** Light violet-rose crown and guards, creamy white collar; speckled crimson center; compact and large; free bloomer; fragrant; early midseason. D, 60c; M, 90c; L, $1.25.

Queen Wilhelmina. Full rose type of rich soft pink with deeper center and salmon tints. Strong, upright grower; midseason. Each $2.00.

8.8 **Rosette.** A fine, early variety of semi-rose type on erect stems. Color silvery flesh, illuminated with salmon tints at base of petals and flecked crimson on border. D, $5.00.

9.0 **Sarah Bernhardt.** This symmetrical plant of medium height is strong growing and erect. It bears profusely large rounded flowers of semi-rose type, fragrant and of a uniform mauve-rose throughout. D, $2.00.

7.8 **Souvenir de Francois Ruitton.** Very large, globular, rose type flowers of bright cherry-pink; dark carmine at base of petals. Tall and strong growing. D, $2.50.

9.1 **Souvenir de Louis Bigot.** Rose type; midseason. Very large, convex blooms with fringed petals. Color Bengal-rose, slightly tinged carmine at the base, turning to salmon-pink, with very bright silvery reflex. D, $5.00.

9.8 **Therese.** A most desirable variety of a charming shade of violet-rose, changing to lilac-white. Develops a high crown, strong grower and free-bloomer. Midseason. D, $3.50.

7.8 **Triomphe de l'Exposition de Lille.** Large, imbricated flower; soft carnation-pink, with white reflex, carmine center. D, $1.00; M, $1.50.

8.3 **Venus.** Crown type; midseason. Flowers large with compact crown; delicate shell-pink. Tall and free-blooming. D, $1.50.

9.3 **Walter Faxon.** Ranked by Mrs. Harding with Solange and LeCygne as the three finest peonies. "Here is the most delectable hue of pink displayed by any of the peonies outside of the tree peonies," she writes. It is a free-blooming variety and grows strongly. It is very scarce. D, $3.50.

White and Light Varieties

8.8 **Alsace Lorraine.** Semi-rose; late midseason. Very large, flat bloom. Petals pointed and arranged like a water lily. Creamy white center delicately tinted brownish yellow. D, $2.00.

9.0 **A. M. Slocum.** Attractive, loose flower of rose type. White, with a few central petals slightly edged carmine and golden stamens that give a creamy effect. A strong, upright grower and free bloomer. D, $7.50.

8.7 **Avalanche (Albatre).** A magnificent flower which opens like a rose. Pure white with a few pencilings of carmine on the edge of center petals. Fragrant; crown type; late midseason. D, $1.00; M, $1.50; L, $2.00.

9.0 **Baroness Schroeder.** Rose type; late. White with shadings of flesh. One of the finest. Immense flowers of great substance with high chalice-shaped center. True June rose fragrance. D, $1.25.

8.1 **Couronne d'Or.** Large, flat, semi-rose type. Pure white, with a circle of bright yellow stamens that suggest its name "Crown of Gold." Medium tall, free bloomer. Late midseason. D, 75c; M, $1.20.

7.8 **Duc de Wellington.** Mrs. Edward Harding says: "Its sulphur-and-white coloring makes it desirable as one of the few yellow-tinted peonies." Tall, fragrant, blossoms freely. Late midseason. D, 75c; M, $1.25; L, $1.75.

8.1 **Duchess de Nemours (Calot).** Flower large, crown type and beautiful in the bud. Color sulphur-white with greenish reflex and no trace of crimson. Early. D, 75c; M, $1.25; L, $1.75.

9.2 **E. B. Browning.** Immense, semi-rose form. Delicate pink tint, outer petals and center marked crimson. Tall; fragrant; very late. D, $5.00.

8.9 **Enchantress.** Large, globular flower of rose type on tall, stiff stems. Creamy white with crimson tracings. Late. Fragrant. D, $5.00.

8.0 **Festiva.** Rose type; midseason. Late. Blooms one week later than Festiva Maxima. D, 75c; M, $1.25; L, $1.75.

9.3 **Festiva Maxima.** One of the old varieties which Mrs. Edward Harding says, "should be in every garden, large or small, lavishly arrayed or economically furnished. It is to the peony world what Pallida Dalmatica is to the iris world." Flowers of white, dotted with carmine, are often 7 to 8 inches in diameter. D, 75c; M, $1.25; L, $1.75.

9.1 **Francis Willard.** A large, semi-rose bloom, often having a raised, cup-shaped center inclosing golden stamens. Opens blush-white, with an occasional carmine touch. Late midseason. D, $2.50.

8.9 **James Boyd.** Beautiful, compact blooms of globular rose form. Flesh changing to nearly white, tinted at the base with a yellowish salmon Guard petals notched at the tips, giving a fringed effect. Fragrant; late. D, $7.50.

9.8 **Kelway's Glorious.** Large flower, full of glistening white petals, the outer edges of which are slightly crinkled and curved inward. The outside petals are flushed with pink, while it is fragrant, as Mrs. Harding says, "to an unbelievable degree." Scarce. Late midseason. D, $15.00.

9.1 **Lady Alexandra Duff.** Resembles an enormous tea rose. Delicate pale-pink fading to white. Main flower large, cup-shaped, rose type. Blossoms form side buds often semi-double, exposing the anthers; fragrant. D, $3.00.

8.3 **La Rosiere.** A dainty peony with rose-like flowers. It should not be dis-budded, as sprays of its flowers are charming. It is semi-double, the outer petals pure white at center with a yellowish white border. Midseason. D, $1.00.

TRIOMPHE De L'EXPOSITION De LILLE

DUCHESS De NEMOURS

PEONIES, White and Light Varieties—Cont'd.

7.5 **La Tulipe.** Very large shell-formed bloom; delicate rose, fading to creamy white; center petals tipped with carmine; outside of guard petals striped with carmine; late. D, 75c; M, $1.25; L, $1.75.

9.9 **LeCygne.** (The Swan.) "One of the three finest peonies," says Mrs. Harding. The curving petals of this magnificent flower are arranged like the feathers on a swan's wing. "Symmetrical, globular, of great size, fragrant, free-blooming, and milk-white," continues Mrs. Harding, "LeCygne stands by itself." It is unquestionably the finest white, and received the highest rating in the American Peony Society's referendum. D,$10.00.

7.9 **Mad. Crousse.** Large flowers of globular crown type; pure white, with center petals edged with carmine. Free blooming, of medium height. Midseason. D, $1.00.

7.9 **Madame de Verneville.** Guard petals sulphur-white, center delicate flesh. Flowers very double and compact, imbricated; borne on long stems. Fragrant. D, 60c; M, 90c; L, $1.25.

Madame Edouard Doriat. Globular flower, with rounded petals; white with a carmine border. Full and large. Long, strong stems. Late. D, $20.00.

8.9 **Mme. Emile Lemoine.** As the flower opens it has the cream-and-blush tinting of an oriental pearl, exquisite and delicate. It should be screened from the sun. The blossoms are very large, and imbricated, each petal overlapping the other. Midseason. D, $1.50.

9.4 **Mme. Jules Dessert.** A strong-growing, free-blooming plant, of delicate coloring. When the flower is cut just as the bud unfolds, and is allowed to open in a shaded room, wonderful tints of flesh, straw and white can be seen to perfection. Midseason. D, $3.00.

8.5 **Marie Lemoine.** Large, compact, rose form of a delicate ivory-white with occasional carmine markings. Dwarf, strong grower and fragrant. Very late. D, $1.00; M, $1.50; L, $2.25.

7.8 **Miss Salway.** Very large, compact, globular flower, lilac-white with lighter collar. Midseason. D, $5.00.

8.3 **Mons. Dupont.** Large, cup-shaped flower; ivory-white. The golden stamens show at the base of the petals; fragrant; a strong grower; tall; midseason. D, $1.00.

8.8 **Nymphaea.** Large, flat flower of delicate creamy white. Notched at tip and edges somewhat rolled. Yellow stamens in center and a reflex of golden light through the whole flower. Midseason. D, $4.00.

8.9 **Pleas' Jubilee.** Extremely large, flat flowers of ivory-white; petals long and narrow, loosely arranged, giving a feathery effect; large, rather flat flower; a strong grower and free-bloomer. Early. D, $2.50.

8.6 **Primevere.** "Finest of the yellow herbaceous peonies and one of the most fragrant," says Mrs. Harding. "Striking and ornamental in the garden, it is still more satisfying as a cut flower. Then its color is safely guarded, and its perfume fully enjoyed." D, $2.50.

9.1 **Rose Shaylor.** Large blooms, cream-colored, lighted with golden stamens, and often tinged throughout with pink, are held well above the foliage by tall, stiff, thick stems. D, $20.00.

9.7 **Solange.** Ranked by Mrs. Harding with LeCygne and Walter Faxon as the three best peonies. She writes: "Until the lover of peonies knows Solange, his life is wasted, bare, uninteresting, impoverished, and lonely beyond all words to tell. Its flower is high built, compact, and composed of large, thick petals which closely overlap. The color is deep cream, tinged with amber throughout, with a touch of soft, salmon-pink glowing from its heart." D, $3.50.

9.4 **Tourangelle.** Pearl-white, overlaid with delicate shades of salmon; flowers of unusual size, flat, borne on long stems. Must be well established to get best results. Exquisite in its color tints if shaded from the heat of the sun when opening. D, $3.00.

Red and Crimson Sorts

8.5 **Adolphe Rousseau.** Very large, semi-double flowers of purple-garnet. Tall, vigorous flower with dark foliage, veined red. One of the darkest peonies. D, $1.50.

8.7 **Auguste Dessert.** Cup-shaped flowers of fine form, with rounded petals, velvety crimson-carmine; very brilliant, with silvery reflex and often streaked white. D, $7.50.

7.8 **Augustin d'Hour.** Bomb type; midseason. Extremely large. Color very deep, rich, brilliant solferino-red with slight silvery reflex. It is a taller grower and larger flower than Felix Crousse. D, 75c.

8.6 **Cherry Hill.** Semi-rose type, midseason. Deep garnet with conspicuous sheen. Stems strong and erect. Does not burn. D, $4.50.

7.1 **Delachei.** Rose type; late midseason. Velvet-crimson; large, compact flower. A good red peony. D, 75c.

7.8 **E. G. Hill.** Semi-rose type, early midseason. Flowers very large and double, borne in clusters. Color rich Tyrian-red; petals edged silvery rose. A very free bloomer, fragrant. D, $2.00.

8.4 **Felix Crousse.** Rose type; late midseason. Its large, globular flowers, solid and compactly built from edge to center, are a rich, even, brilliant, dazzling ruby-red. D, $1.00; M, $1.50; L, $2.00.

8.2 **Grover Cleveland.** Rose type; late. Rich, dark crimson; a strong grower. D, $1.50.

Inspeeteur Lavergne. Vivid crimson, frilled petals in the center; very full, globular flower. Abundant bloom. D, $15.00.

8.8 **Karl Rosenfeld.** "A sturdy, all-around, bright red peony, lusty and free-blooming," says Mrs. Harding. It is early, with large flower of the semi-rose type. D, $1.00.

9.0 **Longfellow.** Perhaps the most brilliant of all the red peonies. Golden stamens show around the center petals. D, $3.50.

7.8 **Lord Kitchener.** An early midseason, free blooming and of good substance. Flowers are of bomb type, cherry-red. D, $1.50.

6.9 **Louis Van Houtte.** Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late. D, 60c; M, 90c; L, $1.20.

7.5 **Mareehal Vaillant** (Grandiflora Rubra). Of immense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the largest red. D, 60c; M, 90c; L, $1.25.

8.7 **Mary Brand.** Vivid crimson of immense size; full double; a free-bloomer and a strong grower; midseason. D, $2.00.

8.2 **Mme. Gaudiehau.** "A brilliant dark red of great garden value," says Mrs. Harding. "The flower is loosely built and many of the stamens show. Quite as decorative as the flower itself is the foliage which from the moment it emerges above the ground rivets the attention by its vivid redness. As the season advances the upper surface of the leaves become touched with bronze; the stems remain red all summer. D, $5.00.

Mr. L. Van Leeuwen. Beautiful flower of faultless shape; large and double, petals somewhat irregular. A clear rosy red. Strong, tall stems; late midseason. D, $7.50.

8.8 **Mons. Martin Cahuzac.** Medium sized, globular, semi-rose type. Dark purple-garnet with black reflex. The darkest peony known. Strong, vigorous grower; free-bloomer; midseason. D, $3.00.

8.6 **Officinalis Rubra Plena.** This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut flower. D, $1.00; M, $1.50.

9.2 **Philippe Rivoire.** A striking variety of brilliant crimson and fragrant. Large, well formed, cup-shaped flower of rose type. Strong grower. D, $12.00.

8.8 **Richard Carvel.** Immense globular bomb. Flower bright, all one shade of crimson. Guard petals large, broad and prominent. Early, tall, very stout stems, annual and profuse bloomer. Delicate fragrance. The best early dark red. D, $4.00.

AMO-NO-SODE

Japanese Flowered Peonies

These are entirely without pollen. The inner petals are a mass of filaments surrounded by a guard of petals.

9.2 **Amo-No-Sode.** Mrs. Harding says this is the handsomest pink Japanese peony. The flowers are large, of bright rose, shading lighter toward the edge of the petals. D, $10.00.

Distinetion. A large flower with broad petals of very deep pink; center of narrow filamental petals of same color, irregularly streaked with golden lines. D, $2.00.

8.2 **Flashlight.** Light Tyrian Rose guards with dull golden center. Strong, erect grower of medium height. Early. D, $3.00.

8.2 **Gold Mine.** Single row of deep rose guard petals; deep golden center. D, $2.00.

Oimatsu. Light pink changing to pure white. Petaloids yellowish white with tips of pink. D, $2.00.

8.6 **Mikado.** Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids, edged and tipped gold. D, $2.50.

Ruigegno. Two rows of petals of clear red. Golden petaloids. A beautiful flower of fine substance. D, $5.00.

8.3 **Snow Wheel.** Broad outer petals resembling the waxy white petals of the Camellia. A filiform center resembling beautiful aigrette feathers, the entire flower being a pure immaculate white without spot or blemish. D, $4.00.

9.4 **Tamatbako.** Clear soft pink with yellow petaloids. The flowers are large and of fine quality, borne on erect stems of medium height. Late. Considered the finest of all pink Japanese peonies. D, $25.00.

8.0 **Torpilleur.** Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow. D, $4.00.

Ya Maehina. Very large clear pink. D, $3.50.

Single Peonies

7.6 **Clio.** Large, cup-shaped single pink. Single row of wide petals encircling a mass of long, golden pollen-bearing stamens, with pond lily fragrance. D, $1.25.

Darkness. Very dark maroon petals, surrounding a golden cluster of stamens. D, $2.00.

8.4 **La Fiancee.** Pure white; very large, tall. D, $2.00.

Othello. Clear carmine, changing to deep rose; prominent yellow stamens. D, $2.00.

Nymphe. Large flowers of bright flesh pink, golden stamens. D, $2.50.

Perle Rose. Delicate clear china-pink with silvery edge. D, $2.00.

7.6 **Vesuve.** Dark red. D, $1.50.

Un-named Peonies

Double White—D, 50c; M, 75c; L, $1.00.
Double Red—D, 60c; M, 90c; L, $1.25.
—DIVIDED ROOTS
Double Pink—D, 50c; M, 75c; L, $1.00.
Double Mixed—D, 40c; M, 60c; L, 80c.

Ornamental and

CRATAEGUS
(Paul's Scarlet Thorn)
4 to 5 ft. branched
$2.55

BERBERIS

Thunbergi Atropurpurea (New Red-leaved Japanese Barberry). Similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. Instead of fading as the season advances, this new Barberry becomes more brilliant throughout the summer, and in the fall changes to vivid orange, scarlet, and red shades, more brilliant than in the ordinary Japanese Barberry. It bears the same scarlet berries common to the type, which remain on the plant the entire winter.

All that is required to develop its coloring at all seasons is to plant in full sun. 1-year, each, **75c**; 3 for **$2.10**; doz., **$7.50**; per 100, **$50.00**. We furnish 25 of a size at the 100 rate.

COTONEASTER

A desirable class of hardy shrubs valued especially for the rich autumnal coloring of their leaves, and for their conspicuous berries which brighten the fall and early winter. Plant in any good well-drained soil avoiding shade or moist situations.

Divaricata. One of the best of the species, especially prized for its dark scarlet fruits which last until late in the autumn. It forms a wide-branched, densely twiggy bush from 5 to 6 ft. tall and much more in diameter. The small, oval, dark green leaves turn a brilliant shade of crimson before they fall. 2 to 3 ft., balled and burlapped, **$1.25.**

Francheti. A distinct variety of loose, semi-erect growth, but with graceful drooping habit. Small oval leaves and masses of red berries. 18 to 24 inches, balled and burlapped, **$1.50.**

Horizontalis. "Deservedly the most popular of the red-fruited varieties," says E. H. Wilson of the Arnold Arboretum. A dwarf shrub with densely spreading horizontal branches almost prostrate. On account of its habit, is much appreciated in rockeries and the front of borders, to display its crimsoning leaves and scarlet fruits deep into winter. 9 to 12 in., 4-in. pots, **$1.00**; 15 to 18 in., balled and burlapped, **$1.50.**

Microphylla. A prostrate variety with narrow, dark green lustrous leaves. Very showy scarlet berries. Especially suited for planting in the rockgarden. 8 to 10 inches. 4-inch pots, **$1.25.**

Racemiflora Soongarica. One of the most beautiful and best of the genus. Forms a broad rounded hush from 6 to 10 feet high and more in diameter; gray-green foliage. In September each long graceful branch is completely covered with brilliant coral-red fruit. 24 to 30 inches, balled and burlapped, **$2.50.**

CRATAEGUS

Oxyacantha Splendens (Paul's Double Scarlet Hawthorn). The most beautiful and showy of the double-flowering thorns, with lovely blossoms of bright scarlet color, large, full and very double. It forms a small tree or large shrub and makes a fine specimen for the lawn. 4 to 5 ft., branched, **$2.50.**

FORSYTHIA

Intermedia Spectabilis (Showy Border Forsythia). Considered the best of the Forsythias on account of its larger and richer yellow blossoms which completely cover the wide spreading branches in early Spring. 2 to 3 ft., **75c.**

JAPANESE FLOWERING CHERRIES

Probably no group of small flowering trees attract more attention than the Japanese Cherries with their rose-like flowers. They are still scarce, although they will thrive in practically every state if planted in a fertile and well drained soil and kept mulched for a few years. We are glad to be able to offer the following good varieties.

Fugenzo (Kofugen). A tree of spreading habit, with a flat crown, brownish gray bark and dark bronze-green leaves. This is one of the finest varieties, desirable for its unusual color—crimson buds with double flowers, about one and one half inches wide, that are red fading to old rose. 5 to 6 feet, **$6.00.**

Sieboldi (Naden). A very popular late flowering variety. The flowers, a deep blush-pink in color, are very large and produced in great abundance. A vigorous grower adapted for street or lane plantings. 5 to 6 ft., **$6.00.**

KOLKWITZIA

Amabilis (Beautybush). There are few flowering shrubs which can surpass this for beauty of form and flower. Its trumpet-shaped pink flowers, deep pink without, stained with yellow-brown on the lower throat and lip, are most freely produced, which fact combined with its graceful contour, makes the plant a striking object in the shrubbery border. Grows from 6 to 8 feet tall. One of E. H. Wilson's and the Arnold Arboretum's choicest new introductions from China. 18 to 24 in., **$2.00**; 8 to 12 in., 4-in. pots, **$1.50.**

MALUS (Flowering Crab)

The Flowering Crabs have few rivals among the gorgeous spring-flowering ornamentals. They are small trees and their blooms range in color from deep carmine to the most delicate pinks. They make splendid specimens for the lawn, and when used in the shrubbery borders they enhance the value of the planting with their profusion of color.

Atrosanguinea (Carmine Crab). Similar to Floribunda, but with deep carmine flowers which do not fade. 3 to 4 ft., **$1.50**; 4 to 5 ft., **$2.00.**

Baccata (Siberian Crab). One of the earliest of the flowering Crabapples, producing quantities of white, fragrant flowers followed by small reddish fruit. Small, spreading tree; good foliage. 4 to 5 ft., **$2.00**; 5 to 6 ft., **$2.50.**

Bechtel's Double-Flowering. Trees of medium size are covered in early spring with large, beautiful, double, fragrant flowers resembling small roses of a delicate pink. 3 to 4 ft., **$1.75**; 4 to 5 ft., **$2.50**; 5 ft. specimens, **$5.00**; 6 ft., specimens, **$6.50.**

Coronaria (Wild Sweet Crab). A low bushy tree with spreading spiny branches. Very fragrant pink flowers produced in clusters. The yellow-green fruit is fragrant and is frequently used for preserves. 3 to 4 ft., **$1.50**; 4 to 5 ft., **$2.00.**

Floribunda (Japanese Flowering Crab). Best when grown naturally, when it is a broad, tall, round-topped bush, rather than a tree, with wide-spreading branches. The flowers as they open are red, changing to rose and white. The small, yellowish fruit often remains on the trees all winter and is greatly relished by the birds. 3 to 4 ft., **$1.50**; 4 to 5 ft., **$2.00.**

Floribunda Purpurea. A newer variety resembling Floribunda, but with purple foliage, single purple flowers, and fruit. 4 to 5 ft., **$2.00.**

BECHTEL'S
DOUBLE
FLOWERING
CRAB
3 to 4 ft., $1.75;
4 to 5 ft., $2.50;
5 ft. specimens,
$5.00;
6 ft. specimens,
$6.50.

Flowering Shrubs

Niedzwetzkyana. A showy tree with remarkable single red flowers followed by red fruits about one inch in diameter in October. Bark and wood are tinged with red. 3 to 4 ft., **$1.50**; 4 to 5 ft., **$2.00.**

Single-Flowering Pink. A small, strong-growing tree with heavy thick foliage. A very free-blooming variety producing in early spring a wealth of single pink blossoms and should be in every garden. 5 to 6 ft., **$2.50.**

Spectabilis (Chinese Flowering Crab). Of pyramidal habit, and one of the largest of flowering Crabapples, sometimes attaining a height of thirty feet; Very large and fragrant pink single or semi-double flowers. 3 to 4 ft., **$1.50.** 4 to 5 ft., **$2.00.**

PHILADELPHUS. (Mock Orange)

There is a great variation in the different varieties of Mock Orange both in the habit of their growth and in their form of bloom. Some have vigorous, upright habit of growth, forming larger shrubs, and there are many dwarf varieties, with slender, arching branches and small leaves. All are refined and beautiful, and the different varieties can be grouped together most effectively.

The Better Varieties

Binniere. Tall growing, with its long branches covered with a profusion of large semi-double snow-white flowers. 2 to 3 ft., **$1.00.**

Dame Blanche (White Lady). Small foliage and upright branches to about four feet. Semi-double fringed flowers, creamy white and very fragrant. 2 to 3 ft., **$1.00.**

Girandole. Large, full, milk-white flowers in thick clusters along the branches. Free flowering and of excellent habit. 2 to 3 ft., **$1.00.**

Glacier. Very attractive double, rich cream color flowers, produced in clusters, giving the effect of one enormous flower. Matures to a height of five feet. 18 to 24 in., **90c**; 2 to 3 ft., **$1.00.**

Norma. Tall, upright grower. Unusually large, glossy white, single flowers in good size sprays. 2 to 3 ft., **$1.00.**

Pyramidal. Waxy white clusters of double flowers. Tall, erect and strong grower. 2 to 3 ft., **$1.00.**

Virginal. One of the most beautiful shrubs grown. A vigorous, tall grower, with very large double-crested flowers; pure white, sweet-scented, produced in clusters of five to seven. Has longest blooming season of any variety. 2 to 3 ft., **$1.00**; per 10, **$9.00**; 3 to 4 ft., bushy, **$1.75**; 3 to 4 ft., specimens, **$2.50.**

Special Offer. One each of the above seven varieties of Philadelphus, 2 to 3 ft. size, for **$5.00.**

PYRACANTHA

Coccinea Lalandi (Laland Firethorn). An almost evergreen shrub allied to both the Thorn and Cotoneasters. Dwarf grown with slender branches with numerous short thorns. Small white flowers, covered in fall with bright orange-red fruit. One of the finest berried shrubs. 2 to 3 ft., balled and burlapped, **$3.50.** 8 to 12-in. in pots, **$1.50**; 15 to 18-in., balled and burlapped **$2.00.**

NEW HYBRID RUGOSA ROSES

Covin Tree. A new Rugosa Rose producing pure double white flowers continuously through the summer until frost. 2-yr., **$1.00**; 4-yr., **$1.50.**

F. J. Grootendorst. A cross between Rugosa and the Crimson Baby Rambler. It should not be planted with the Hybrid Tea roses and such types, but it is valuable as an isolated specimen or among shrubs, or it can be used as an ever-blooming hedge. The flowers are double red, produced all summer, and the plants are perfectly hardy. 2-yr., **$1.00**; per 10, **$8.00**; 3-yr., **$1.25.**

Pink Grootendorst. A variety similar in every way to F. J. Grootendorst except that it bears its flowers of beautiful clear pink in clusters; they cover the plants the whole flowering season. The individual flowers are also somewhat larger and beautifully fringed. It is absolutely hardy. 2-yr., **$1.50.**

Special Offer. One each of the above three Rugosa Roses which will give continuous bloom all summer and fall, 2-yr., **$3.00.**

ROSA HUGONIS (Golden Rose of China) (B)

Fine for shrub planting, as it reaches a height of 6 feet when fully matured. The long, arching branches are thickly set with the lovely single yellow flowers in May, and it is one of the earliest roses to bloom. Makes a very spectacular show. Never winter-kills. Strong 2-year-old plants, each **$1.50**; per 10, **$12.00**; 4-yr., specimens, **$3.00.**

Three Outstanding Lilac Novelties

Jan Van Tol. Single, pure white, very large trusses and extremely large individual flowers; it is a very good grower and flowers very freely. 2 to 3 ft., **$3.50.**

Katherine Havemeyer. Double, cobalt blue, flushed mauve; enormous flower of the most perfect shape with broad imbricated lobes. One of the handomest lilacs. 2 to 3 ft., **$5.00.**

Mrs. Edward Harding. Double, bright carmine, big panicles of large, full flowers. This variety was awarded the special prize founded by Mrs. Edward Harding for the best double red lilac. 2 to 3 ft. **$5.00.**

Special Offer. One each of the above three Lilacs for **$10.00.**

PHILADELPHJS (Syringa) Virginal

ROSA HUGONIS
(Father Hugo's Rose)
Strang 2-year-old plants, each **$1.50**; per 10 **$12.00**; 4-yr., specimens, **$3.00.**

SYRINGAS (Lilacs)

New and Rare Varieties

***Berryer.** Double, long trusses of semi-double mauve flowers 18 to 24 in.; 2 to 3 ft.

***Buffton.** Single; elegant cluster of flowers, mauve pink with reflexed lobes. 18 to 24 in.; 2 to 3 ft.

***Claude Bernard.** Double, a rapid-growing variety with long trusses of double or semi-double bright mauve lilac flowers; very early. 18 to 24 in.; 2 to 3 ft.

***Descartes.** Single. Mauve pink; exceedingly free. 18 to 24 in.; 2 to 3 ft.

Diderot. Single, enormous panicles, one foot long, with large claret-purple flowers; very free. 18 to 24 in.

Edouard Andre. Double; clear rose or nearly pink, one of the best of this color. 18 to 24 in.

Emile Gentil. Double; large imbricated flowers, bright cobalt-blue; a very rare shade among lilacs. 18 to 24 in ; 2 to 3 ft.

Jean Mace. Double, broad, compact panicles, irregular flowers, mauve, fading to bluish, an early and very floriferous variety. 18 to 24 in., 2 to 3 ft.

Leon Gambetta. Double; enormous trusses; very large, lilac-rose flowers, very pretty; early. 18 to 24 in.

Louvois. Single; voluminous clusters of large flowers, deep violet-purple with bluish shades. 18 to 24 in.

Marechal Lannes. Very broad panicles of double or semi-double flowers of amazing size; bluish violet. 18 to 24 in.

***Mireabeau.** Single; mauve, the earliest of all. 18 to 24 in.

Montaigne. Double. Pinkish mauve, very large clusters. 18 to 24 in.

President Faillieres. Double; immense clusters, pale lavender. 18 to 24 in.

The varieties marked * belong to a new class of Lilacs, tne "Early Lilacs," a cross between one of the early flowering Lilacs and Syringa Giraldi; this latter Lilac has been recently introduced from China, and is remarkable for its flowering a week or two before the other sorts. A cross between it and of the early flowering lilacs, originated a new race of tall-growing lilacs which expand their flowers before the lilacs now known.

Price of above: 18 to 24 in. each, **$2.50**; 3 for **$7.00**; 6 for **$12.00**; 2 to 3 ft. each, **$3.00**; 3 for **$8.00**; 6 for **$15.00.** Sizes which we have to offer noted after each variety.

TREE FORM LILACS

We can offer Lilacs in Tree Form, named varieties, our selection, in white or lilac-purple. 3 to 4 ft., **$2.50**; 4 to 5 ft., **$3.50.**

VIBURNUM

Carlesi (Fragmat V). A dwarf, compact shrub, bearing large corymbs of white blossoms of a strong, delicious fragrance, quite surpassing any shrub we know of, and equal to that of a Bouvardia. Very rare. 12 to 15 in., balled and burlapped, **$2.50**; 12 to 15 in., not balled and burlapped, **$2.00**; 18 to 24 in., balled and burlapped, **$3.00**; 18 to 24 in. not balled and burlapped, **$2.50**; 2 to 3 ft., balled and burlapped, specimens, **$7.50.**

VAUGHAN'S NURSERY CATALOG

Listing and illustrating the most popular and meritorious ornamental shrubs, shade trees, small fruits, fruit trees, and vines, will be sent free on request.

Flower Seeds for Fall Sowing

SWEET PEAS Vaughan's Special Spencer Mixture

195 **Ageratum.** Blue Perfection. Pkt., **10c.**

230 **Agrostemma.** Coeli Rosa (Rose of Heaven). A good cutflower. Pkt., **10c.**

250 **Alyssum.** Sweet. Dainty white flowers, ½ oz., **15c**; pkt., **10c.**

255 **Alyssum.** Vaughan's Little Gem. Snow-white carpet plant. ¼ oz., **25c**; pkt., **10c.**

310 **Anchusa.** Capensis (Summer Forget-me-not). Flowers beautiful blue. Pkt., **10c.**

425 **Antirrhinum.** Vaughan's special mixture. ⅛ oz., **25c**; pkt., **15c.**

1070 **Bartonia.** Aurea. Showy golden yellow flowers. Pkt., **10c.**

1170 **Cacalia.** Mixed. Pkt., **10c.**

1190 **Calendula.** Orange King. Orange flowers. Pkt., **10c.**

1245 **Calliopsis.** Vaughan's special mixture. ½ oz., **30c**; pkt., **10c.**

1260 **Candytuft.** Giant Hyacinth-Flowered White. ¼ oz., **25c**; pkt., **10c.**

1535 **Centaurea Cyanus.** Vaughan's special mixture. 1 oz., **60c**; pkt., **10c.**

1570 **Centaurea Imperialis** mixed. Pkt., **10c.**

1790 **Clarkia.** Vaughan's special mixture. Pkt., **10c.**

1950 **Cosmos.** Early Flowering Mammoth mixed. ¼ oz., **20c**; pkt., **10c.**

2305 **Dianthus.** Vaughan's special double and single mixture. ¼ oz., **30c**; pkt., **10c.**

2415 **Escholtzia.** Vaughan's special mixture. ½ oz., **40c**; pkt., **10c.**

ANNUAL LARKSPUR Vaughan's Special Mixture

FEW know many of our prettiest and best known annuals may be sown in the fall, in fact some varieties, like the annual Larkspur, are much better treated in this way. The principle is the one Nature uses. Seed dropped from parent plant will lie dormant in the soil until early in the spring when it germinates and begins a root system long before one can get in the ground to sow seed. Consequently the flowering season is prolonged by the earlier blooming. Ground should be prepared and seed sown just previous to the late heavy frosts.

The fall-sown plants are, as a rule, much sturdier and better established on the blossoming date than those started indoors.

Another advantage of fall sowing is that it relieves pressure in the springtime. Care should be taken not to sow too early, as the seed will germinate and die in the fall.

2435 **Euphorbia.** Variegata (Snow on the Mountain). Pkt., **10c.**

2590 **Godetia.** Gladiolus Flowered Rose. Pkt., **15c.**

2680 **Gypsophila.** Elegans Grandiflora Alba. ½ oz., **20c**; pkt., **10c.**

2860 **Hunnemannia.** Fumariaefolia. (Bush Escholtzia.) Pkt., **10c.**

2170 **Larkspur.** Vaughan's special mixture. ¼ oz., **30c**; pkt., **10c.**

2310 **Lavender Lace Flower.** (Didiscus Coeruleus.) Pkt., **10c.**

CALENDULA Orange King

3010 **Leptosyne Stillmani.** Golden yellow flowers. Pkt., **10c.**

3020 **Linum.** Grandiflorum Rubrum. Pkt., **10c.**

3105 **Lupinus.** Tall annual mixed. Pkt., **10c.**

3212 **Matthiola Bicornis.** Evening scented stock. Pkt., **10c.**

3380 **Nemophila.** Mixed. Pkt., **10c.**

3390 **Nicotiana Affinis** (Sweet-scented Tobacco plant). Pkt., **10c.**

3420 **Nigella.** Miss Jekyll. Pkt., **10c.**

3875 **Pansy.** Vaughan's Giant mixture. Pkt., **15c.**

3880 **Pansy. Vaughan's International Mixture.** 3 pkts., 600 seeds, 65c; 5 pkts., 1000 seeds, $1.00; ⅛ oz., $1.75; pkt., 200 seeds, 25c.

3877 **Pansy. Swiss Giant Mixture.** Pkt., 100 seeds, 50c; ⅛ oz., $4.00.

3842 **Pansy. Mammoth Exhibition.** Pkt., 100 seeds, 50c.

3861 **Pansy. Early Flowering Giant Mixed.** ⅛ oz., 50c; pkt., 15c.

4018 **Petunia.** Rose of Heaven. Color rich brilliant rose with inconspicuous white throat, darker than Rosy Morn; a compact grower; very free-blooming. Pkt., **25c.**

4220 **Phlox Drummondi.** Vaughan's special mixture. ⅛ oz., **30c**; pkt., **15c.**

4285 **Poppy. Shirley Mixed.** Beautiful colors in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Oz., 30c; pkt., 10c.

4690 **Sanvitalia** Procumbens fl. pl. Small double yellow flowers. Pkt., 10c.

PANSY Vaughan's Giant Mixture

4691 **Saponaria** Vaccaria Rose. The light graceful sprays of glistening pink flowers are produced in greatest profusion. Pkt., **10c.**

4755 **Schizanthus.** Garaways Hybrids. Pkt., **25c.**

5320 **Sweet Peas.** Vaughan's special mixture. Spencer varieties. Oz., **25c**; pkt., **10c.**

10 Best Late Flowering

Spencer Sweet Peas

Collection No. 5325

Price, one (regular size) packet of each for 50c.

We cannot make any change in varieties.

White	Edna May Improved
Salmon Pink	Hawlmark Salmon Pink
Crimson	Charity
Light Blue	Heavenly Blue
Lavender	Powers Court
Cream Pink	Mary Pickford
Orange	George Shawyer
Dark Blue	Commander Godsall
Maroon	Warrior
Picotee	Youth

5815 **Virginia Stocks.** Mixed. ½ oz., 15c; pkt., 10c.

5805 **Viscaria.** Mixed. Pkt., **10c.**

POPPY Shirley

Vaughan's Garden Tools and Requisites

PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED

FERTILIZERS (F. O. B. Chicago)

BONE MEAL, Vaughan's "Rose Grower" Brand. Has been slightly steamed so that it can be ground fine, and is thus quicker in its action. **5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.80; 50 lbs., $2.75; 100 lbs., $4.25.**

BONE MEAL, "Regular Grade." 25 lbs., $1.60; 50 lbs., $2.35; 100 lbs., $3.70.

CATTLE MANURE (Shredded). A natural fertilizer for all general purposes. If applied to the lawn in the fall it protects grass roots through the winter. As easy and clean to handle as grain. **Price: 100 lbs., $3.00; 500 lbs., $10.90; 1,000 lbs., $18.40; 2,000 lbs., $35.75.**

NITRATE OF SODA or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is **to grow maximum crops** you must furnish the plant with Nitrogen. Cannot go by mail.
Price (subject to market changes), 5 lbs., 60c; 10 lbs., $1.00; 25 lbs., $2.00; 100 lbs., $5.85. Write for prices on larger quantities.

SHEEP MANURE (Pulverized). Excellent for mixing with soil for greenhouse plants; one part manure and six parts soil. **5 lbs., 35c; 10 lbs., 65c; 25 lbs., $1.35; 50 lbs., $1.95; 100 lbs., $3.00; 500 lbs., $10.90; 1000 lbs., $18.40; ton, $35.75.**

VAUGHANS' LAWN AND GARDEN FERTILIZER 6-8-6. Composed of plant foods in mineral form, making it odorless and quicker acting. **Price 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.95; 50 lbs. $3.00; 100 lbs., $5.00.**

VAUGHAN'S CONCENTRATED PLANT FOOD. This is the most useful fertilizer for all kinds of plants raised in pots. **Small pkg.,** 20c each. **Large pkg.,** 30c each.
Mailing weight, small, 10 oz.; large, 17 oz. Each package contains full directions.

Fertilizer prices include delivery within 25 miles of Chicago on 25, 50, 100, 125 and 250 lb. lots. Smaller quantities delivered with orders of seeds, bulbs and supplies of $2.00 or more. On larger quantities than 250 pounds the customer pays all freight or express charges.

INSECTICIDES AND FUNGICIDES

Insecticides containing Poison cannot be sent by mail.

Weights—By mail, ½ pt., 1 lb.; pt., 2 lbs.; qt., 3 lbs.

APHINE. A new insecticide discovery that kills plant lice of every species. Effective indoors and outdoors **Per ½ pint, 40c; per pint, 65c; per quart, $1.00; gallon, $3.00.**

FISH OIL SOAP. An excellent wash for trees and plants where insects and eggs affect the bark; also used for smearing upon trees to prevent worms crawling up. **Per lb., 30c; 5 lbs., $1.25.**

FLOWERS OF SULPHUR. For mildew on roses, etc. **Lb., 15c; 10 lbs., $1.00; 25 lbs., $2.00.**

LEMON OIL. Destroys mealy bug, scale, thrip, red spider, etc. **½ pint, 40c; pint, 65; quart, $1.10; ½ gal., $2.00; gal., $3.25; 5 gals., $12.00.**

LIME-SULPHUR. The best remedy for San Jose scale. One gallon makes ten; one of the best Autumn sprays. **Qt. can, 45c; 1 gal., $1.00; 5 gal. can, $4.00.**

SCALICIDE. An oil preparation for San Jose scale. **Qt., 75c; gal., $1.75; 5 gallons, $6.25.**

SULPHO TOBACCO SOAP. For greenfly on roses. **8-oz. box, 25c; by mail, 30c; 3 ozs., 15c; by mail, 20c.**

TOBACCO STEMS. For fumigating.
5 lbs., 25c; 100 lbs., $2.50.

TOBACCO DUST. One of the best remedies for green and black aphis, fleas, beetles, etc., also for insects in the ground. **Lb., 15c; 5 lbs., 35c; 10 lbs., 65c; 100 lbs., $4.50.**

VOLCK. Controls scale insects, mealy bug, white flies, red spiders, rust, mites, aphis and thrips. **Pint, 75c; quart, $1.00; gallon, $3.00; 5 gallons, $12.00.**

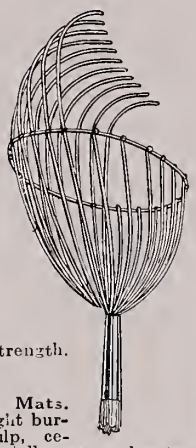
KNIVES. Budding. Ivory handle.
Each, $2.75; by mail, $2.80.
Propagating. "The Vaughan," best of all. **Each, $1.25; by mail, $1.30.**
Budding and Propagating. Two blades, white handle. **Each, $1.50; by mail, $1.55.**
Pruning. Henckel No. 3 C.
Each, $2.50; by mail, $2.60.
Imported Pruning. $2.00; by mail, $2.10.

LABELS, Wooden, for Pots.

	Per 100	1000
4-in., painted	$0.35	$1.85
5-in., painted	.40	2.45
Tree (copper wired) 3½ in.	.45	2.65

Cypress.—For use outside, will last for years, 16x1¼ in. **Doz., 60c; 100 for $4.00;** 18x2 in. **Doz., 75c; 100, $5.00.**

WIRE FRUIT PICKER



A mechanical apple and fruit picker, so simple children can pick fruit with no danger. Without pole, price, **75c** each.

HOTBED SASH. Unglazed, for 3 rows, 10-inch glass. **Each, $3.25; 3 for $9.50; doz., $36.00.**
Glazed, **each, $6.25; 3 for $18.50; doz., $72.00.**
For 8-inch glass, 4 rows, **each, $3.50; 3 for $10.25; doz., $39.00.**
Glazed, **each, $6.50; 3 for $19.25; doz., $75.00.**

Add 95c per sash for double strength.

HOTBED MATS.
Milo Waterproof Hotbed Mats. A combination of heavyweight burlap felt and absorbent pulp, cemented together with a specially prepared waterproof compound absolutely impervious to rain, sleet and snow proof against frost; repellant to rats and mice. Easy to handle, wears for years.
Size, 40x78 inches, Each, **$2.85;** doz., **$28.80.**
Size, 76x76 inches. Each, **$4.90;** doz., **$51.00.**

GLASS CUTTER, DIAMOND. Each, $5.00.

GLASS CUTTER, RED DEVIL. Each, 25c.

GLAZING POINTS, Vaughan's Perfection. No rights or lefts. **No. 2,** small, single thick glass; **No. 2½,** double thick, for greenhouse and skylights. **Price, per lb.** (approximately 900), **70c,** postage extra.
Siebert's Improved, ⅝ and ⅞, price per lb., 70c.

PUTTY (Twemlow's Old English). Semi-liquid. To be used in same manner as Mastica.
Price, per gal., $2.90.

PUTTY BULB (Scollay's). A useful tool with a tube for applying liquid putty in glazing greenhouses. **Each, $1.75.** Mailing weight, 1 lb.

WATERING POTS. — American. Heavy galvanized round can, two copper-faced roses, long spout; 4 quart, **$4.65;** 6 quart, **$5.10;** 8 quart, **$5.75;** 10 quart, **$6.10;** 12 quart, **$6.45.**
French Style. Oval, otherwise same make as above; 6 quart, **$5.85;** 8 quart, **$6.20;** 10 quart, **$6.60;** 12 quart, **$7.20.**

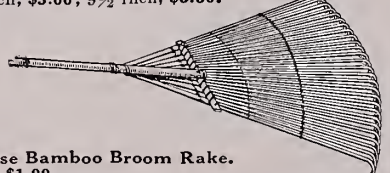
THERMOMETERS. Tin Case, 8-inch, **Each, 50c.**
Cabinet Wood Case, 8-inch, **Each, 75c.**
Tin Case, standard grade tested, 8-inch, **Each, $1.75; Hotbed,** Brass Point, Wooden Frame, **Each, $2.50; Self-Registering** with magnet to set it, 8-inch, registers highest and lowest temperature, **Each. $6.00.**

SAWS. Vaughan's "Perfection" Pruning. Adjustable blade, so branches can be easily removed close to the trunk of the tree. Each, **$2.35;** extra blades, **25c.**

California carved pole pruning without pole, each, **$2.35.**

Forester pruning saw, 26 inches long, for cutting long limbs, each, **$1.85.**

SHEARS (Prunnig)—Best Grade, 9 in. **each, $2.00. Nickel-Plated** 6-inch. **each, $1.50. Henckel,** 8½inch, **$3.00;** 9½ inch, **$3.50.**



Japanese Bamboo Broom Rake. Each $1.00.

LAWN SWEEPER

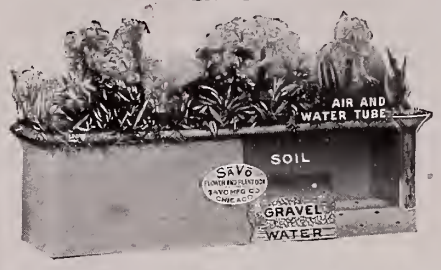
The Gem. Will clean a lawn more thoroughly than four men with hand rakes. Made of metal, wood and canvas, and lighter and less noisy than all metal. 24-in. cut. **Each, $34.00.**

WHEELBARROWS.

WHEELBARROW—Red Star Garden. The best in design, material and workmanship for the class of trade who desire the best. 2½-tire which permits easy wheeling of heavy loads. **Price, $8.50.**

Vaughan's Greenhouse Wheelbarrow. Made of narrow measure, especially for work in greenhouse walks. Each, **$10.00.**

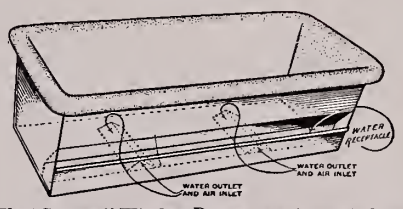
SELF-WATERING FLOWER BOXES "SAVO"



Savo self-watering flower boxes, made of the best grade of galvanized steel, with neat round corners and a full roll rim, beautifully finished in green, ivory, lavender, red or pink. This box can be made useful all the year round, in the spring and summer outdoors and the fall and winter indoors.

	Height	Width	Length	Price
Model A,	8 inches,	8 inches,	23 inches,	$3.00
Model B,	8 inches,	9½ inches,	29 inches,	4.00
Model C,	8 inches,	9½ inches,	35 inches,	4.50
Model D,	8 inches,	9½ inches,	41 inches,	5.00
Model E,	8 inches,	12 inches,	12 inches,	3.00
Model F,	12 inches,	12 inches,	12 inches,	3.50

"SUCCESS"



The "Success" Window Boxes are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. The boxes are finished in an attractive shade of green enamel and will prove an addition to any home, hotel or office building. Since they are watertight, they are especially adapted for inside use.

Outside dimensions of Window Boxes:

Length	Width	Depth	Price
24-in.	8½-in.	6¼-in.	$1.95
30-in.	8½-in.	6¼-in.	2.40
36-in.	8½-in.	6¼-in.	3.25
42-in.	8½-in.	6¼-in.	4.00

PEAT MOSS—Granulated. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 190 lbs., **$5.00.**

PEAT. (Fern roots) **Per sack, about 3 bushels** **$3.25**
Peat. For potting Azaleas **Per sack, about 3 bushels** **3.00**

LEAF MOLD. Peck 40c; Bushel Sack $1.25.

POTTING SOIL. This mixture is prepared by us. Suitable for all ordinary plants and bulbs: by express or freight at buyer's expense, ready for use. **Pk., 40c; bu., $1.25; bbl., $3.00.**

POTS, PANS AND SAUCERS

RED CLAY POTS.—We pack these carefully, but will not be responsible for breakages.

	Doz.	100	1000		Doz.	100
2 in.	$0.30	$1.50	$11.00	6 in.	$1.20	$8.50
2½ in.	.35	1.65	13.75	7 in.	1.65	12.95
3 in.	.50	2.60	17.50	8 in.	2.25	17.20
4 in.	.65	3.40	.....	10 in., each, 50c		
5 in.	.85	6.00	.....	12 in., each, 80c		

BULB PANS (RED)

	Each	Doz.		Each	Doz.
6 in.	$0.15	$1.20	8 in.	$0.25	$2.25
7 in.	.20	1.65	10 in.	.50	5.00

TUBS—(Flower) Richmond.

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Prices F. O. B. Chicago or New York.

No.	Each	Four	No.	Each	Four
1 6x 6	$0.90	$3.40	9 14x13	$2.35	$9.00
3 8x 8	1.10	4.20	11 16x15	3.00	11.40
5 10x 9	1.30	5.00	13 18x17	3.75	14.60
7 12x11	1.80	6.80	14 19x18	4.65	17.20

If handles are required add 35c per tub.

First figure following number of tub gives diameter in inches at top of tub; second figure depth in inhes.

Vaughan's GIANT Flowering TULIPS

Grandest of Tulips is Louis XIV. You can buy 12 for $1.25

FEW will dispute the claim of Louis XIV to first rank among tulips of royal colors, purple and gold (illustrated at the right, top, of this page), it reaches giant size and a height of 34 inches. In 1917 it sold for $13.00 a dozen. A special purchase this year enables us to offer it per doz., $1.25; 100, $8.00; 1000, $75.00.

Other varieties illustrated are:

On right, top to bottom:

Violet Queen—Breeder.
Doz., $1.30; 100, $8.50; 1000. $80.00.

General Ney—Breeder.
Doz., $1.10; 100, $7.00; 1000, $65.00.

John Ruskin—Cottage.
Doz., 70c; 100, $4.50; 1000, $40.00.

On the left, from top to bottom, they are, in order:

Faust—Darwin.
Doz., $1.00; 100, $6.50; 1000, $60.00.

Carnation—Cottage.
Doz., 70c; 100, $4.50; 1000, $40.00.

Ariadne—Darwin.
Doz., 75c; 100, $5.00; 1000, $45.00.

The Fawn—Cottage
Doz., 70c; 100, $4.50; 1000, $40.00.

Cover Collection No. 4

Of the varieties listed on this page we will mail postpaid:

One each (8 bulbs) $1.00.
Three each (24 bulbs) $2.00.
Six each (48 bulbs) $3.75.
Twelve each (96 bulbs) $7.00.

Vaughan's Seed Store
CHICAGO - NEW YORK

C H W